

State of California
Department of Health Services

May 19, 2003

CHDP Information Notice No.: 03-J

TO: ALL COUNTY CHILD HEALTH AND DISABILITY PREVENTION (CHDP)
PROGRAM DIRECTORS, DEPUTY DIRECTORS, MEDICAL
CONSULTANTS, NUTRITIONISTS, STATE CHILDREN'S MEDICAL
SERVICES (CMS) BRANCH STAFF AND REGIONAL OFFICE STAFF

SUBJECT: CALIFORNIA PEDIATRIC NUTRITION SURVEILLANCE TREND
ANALYSIS: 1994-1998

The enclosed report, *California Pediatric Nutrition Surveillance Trend Analysis: 1994-1998*, is being sent to local CHDP programs to provide each program with specific information on the nutrition indicators of the CHDP population. It is hoped that this information will assist local CHDP programs in identifying and addressing the nutritional needs of their target population.

This report was prepared by the Institute for Social Research at California State University, Sacramento for the Children's Medical Services (CMS) Branch, using information from the Pediatric Nutrition Surveillance System (PedNSS) that the Centers for Disease Control and Prevention (CDC) develops from California CHDP data. As you know, that data is collected from the PM-160 reports of health assessments and includes each child's race/ethnicity, height, weight, and blood test results for anemia.

Each year, CDC provides California with summaries and analysis of the PedNSS information that the CMS Branch shares with local CHDP programs. In the enclosed report, this information has been sorted and analyzed by local health departments over a five year period in order that local CHDP programs can monitor nutritional status and needs of CHDP children as well as target the use of scarce resources.



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Children's Medical Services Branch is aware of the rising prevalence of childhood obesity and the impact it has on chronic disease, quality of life and health care costs. This report can be used as a tool in identifying trends and implementing programs and interventions to improve the nutritional status of California's children.

It is important to note the limitations of the data discussed in this report. First, the report provides historic trends of information reported in the late 1990s. Second, the data is collected on reports of health assessments, not on individual children tracked over time. Additionally, CDC modified the PedNSS in 2000, improving analysis and reports. These changes are not reflected in this pre-2000 data.

If you have questions about this report or the PedNSS, please feel free to call Susan Mattingly, M.S., R.D., at (916) 322-8785.

Original Signed by Maridee Gregory, M.D.

Maridee A. Gregory, M.D., Chief
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Enclosure

California Pediatric Nutrition Surveillance System Trend Analysis 1994 – 1998

Prepared for the California Department of Health Services,
Children's Medical Services

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EXECUTIVE SUMMARY

The California Child Health and Disability Prevention (CHDP) program participates in the Centers for Disease Control and Prevention's (CDC) national Pediatric Nutrition Surveillance System (PedNSS). Data on nutritional indicators for children are collected when CHDP providers submit claims for preventive health care services. Each year the CDC reports the information back to each state in summary data tables.

The purpose of this report is to analyze these data over multiple years. The Children's Medical Services (CMS) Branch contracted with the Institute for Social Research at California State University, Sacramento to conduct a five-year trend analysis and issue a report summarizing the findings. Funding for this project was provided by the Nutrition Network.

This report tracks the trends of five nutritional indicators: short stature, underweight, overweight, anemia, and low birth weight. Also included is a comparison of local health departments with respect to these nutritional indicators. Graphs and tables provide a visual depiction.

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Introduction

Purpose of the Pediatric Nutrition Surveillance System

Proper nutrition during childhood is essential for normal growth and development. Children who do not exhibit normal growth and development patterns are often characterized by five nutritional risk factors including low birth weight, short stature, underweight or overweight, and anemia. Low birth weight is the single most important factor affecting neonatal mortality and a determinant of post-neonatal mortality as well. Low birth weight infants who survive are at increased risk for health problems ranging from neurodevelopmental handicaps to respiratory disorders. Short stature and underweight occur more often among children who have been ill or who have inadequate diets. Insufficient intake of nutrients may lead to slower growth rates, inadequate mineralization of bones, and low body reserves of micronutrients. The mineral most commonly deficient in children is iron. Anemia, as measured by low hemoglobin and low hematocrit values, may be an indicator of iron deficiency and is associated with developmental delays and behavioral disturbances. Physical inactivity and high dietary intakes of total and saturated fat increases obesity in children who may then practice poor nutritional habits in adulthood. Childhood obesity may, in turn, contribute to the incidence of type 2 diabetes, high blood pressure, some types of cancer, heart disease, and other chronic diseases in adulthood.

Recognizing the crucial role of nutrition in the development of healthy children, federal and state governments have assumed responsibility for monitoring the broad nutritional status of children as an important public health function. In the late 1960s, the United States Ten-State Nutrition Survey revealed the unsatisfactory nutritional status of children from low-income families. In 1973, the Centers for Disease Control and Prevention (CDC) began working with five states to develop a system that would continuously monitor the nutritional status of specific high-risk population groups. California began participating in the Pediatric Nutrition Surveillance System (PedNSS)

in 1989. By 1992 PedNSS had expanded to 41 states, the District of Columbia, Puerto Rico, the Intertribal Council of Arizona, the Navajo Nation, and the Mt. Plains Tribes.

The purpose of PedNSS is to monitor selected key indicators of nutritional status among low-income, high-risk infants, children, and adolescents who participate in publicly funded health programs. These indicators include height for age, weight for height, low birth weight, and hematology. In California these indicators are obtained from health screening assessments provided through the Child Health and Disability Prevention (CHDP) program operating in 58 county and 3 city health departments. The CHDP Confidential Screening/Billing Report form, also referred to as the PM 160, is submitted by the CHDP health care provider to the State Fiscal Intermediary that collects and tabulates health assessment data while adjudicating the PM 160s for reimbursement to providers. The Children's Medical Services Branch of the California Department of Health Services transmits the data to CDC for inclusion in the national surveillance system. Annual reports by local health departments (1989 to present) are produced by the CDC and distributed by Children's Medical Services Branch to local CHDP program directors, deputy directors, and nutritionists.

California's PedNSS contributes over one-fourth of the health screening reports compiled in the national data. Of the approximately 9.2 million records included in the CDC 1998 Annual Pediatric Nutrition Surveillance report, California contributed approximately 2.5 million records or 27 percent of the national total. In the 1999 Annual Pediatric Nutrition Surveillance report, approximately 7.4 million records were included with California representing 26.6 percent or roughly 1.9 million records.

California's health assessments constitute a large part of the PedNSS population not only because of the state's size, but also because it collects data on the complete targeted age range. PedNSS has traditionally emphasized low income, high-risk children under five years of age as many states, unlike California, do not collect data for children aged five and older.

Outline of the Report

This report presents a trend analysis of California PedNSS data from 1994 through 1998 for California and its 61 local health departments (58 counties and 3 cities). The proportion of health assessments exceeding national standards on five nutritional indicators (low height for age, high weight for height, low weight for height, low birth weight, and anemia) is shown as a statewide five-year total and five-year trend (Figure/Table 1) and then broken down, for the state as whole, by gender, race/ethnicity, and age (Figure/Tables 2 through 4). Figure/Table 5 provides a demographic profile of the children described in CHDP health assessments. Then, the three demographic variables are combined into 90 subgroups (gender by race by age) and statewide trends on the five nutritional indicators are shown for each subgroup (Figure/Table 6). A concluding section of Figure/Table 6 rank orders the 90 subgroups on the proportion exceeding national standards in 1998, graphing combined race and age groups separately by gender. Finally, trends on the five indicators are shown for the 61 local health departments (Figure/Table 7). Rankings of the local health departments on the proportion of health assessments exceeding national standards on each of the five nutritional indicators are summarized in a concluding set of tables (Tables 8 through 11).

Methodology

Representativeness of the Sample

Several features of PedNSS should be noted to correctly interpret the data in this report. First, since the data are collected through the CHDP program and less than half of all eligible children participate, the data do not represent all low-income children in California. The nature of the bias, if any, in those covered by CHDP is unknown. Some estimates of the differences between those who receive CHDP health assessments and those who do not can be made by demographic comparisons of the PedNSS population with Census descriptions of children in poverty in the state. Other biases are more

difficult to detect. Children with special needs, such as physical disabilities or developmental delays, may be over-represented in PedNSS, potentially affecting the proportion falling outside the normative range, but for reasons other than poor nutritional status.

Definition of National Standards

A second feature that affects interpretation of the PedNSS data is the way national standards have historically been derived. The CDC established cut-off values for stature and weight using growth curves from the National Center for Health Statistics' (NCHS) National Health Examination Surveys (NHES) II and III (1963 - 1965 and 1966 - 1970 respectively) and the National Health and Nutrition Examination Surveys (NHANES I, 1971 - 74).¹ The criteria for anemia came from NHANES II data (1976 - 1980) while the criterion for low birth weight has traditionally been defined as less than (<) 2500 grams (5 lbs, 8 oz) and not as a percentile of all birth weights for any known population. In the United States in 1996, 7.4 percent of infants weighed less than 2500 grams. With the exception of anemia and low birth weight, which are not age-graded standards, the CDC's norms for stature and weight in relation to height are the 5th and 95th percentiles on a standard normal distribution describing more than 20,000 children between 2 and 18 years of age selected from 1963 – 1975 for a weighted sample representative of all children in the United States. Growth curve data for children from birth to two years of age came from longitudinal data collected by the Fels Research Institute on white children in Yellow Springs, Ohio between 1929 and 1978. New growth curves representing a more diverse population were adopted by the CDC in 2000, which is after the time period covered in this report. As a result, there is a lack of fit between the curves for children under and over two years of age.

¹ Ibrahim Parvanta, M.S., Bettylou Sherry, Ph.D., R.D., and Ray Yip, M.D., M.P.H, "Nutrition" in L. S. Wilcox and J. S. Marks, editors, *From Data to Action: CDC's Public Health Surveillance for Women, Infants and Children*. UNITED STATES DHHS/PHS/CDC, 1995.

National Standards for Nutritional Status Indicators

CDC established the cut-off values for each nutritional status indicator. Assessments are outside the norm when they exceed these values:

Short Stature: Percentage of examinations that report height-for-age below the fifth percentile.

Overweight: Percentage of examinations that report weight-for-height above the 95th percentile.

Underweight: Percentage of examinations that report weight-for-height below the fifth percentile.

Low Birth Weight: Percentage of examinations that report birth weights below 2500 grams (5 lbs, 8 oz). (Birth weights of less than 499 grams and greater than 5999 grams are excluded.)

Anemia: Percentage of examinations that report hemoglobin or hemocrit values below the fifth percentile.

Missing Data

A third PedNSS feature is that some nutritional indicators are not reported for certain age groups. Anemia is not reported among children less than six months of age. Weight in relation to height (underweight and overweight in the graphs) is not reported for girls ten and older and for boys 13 - 17, possibly because weight-for-stature charts were not available for these age groups. For the purpose of this report, asterisks in the tables and missing bars in the graphs indicate data that are either unavailable or unreliable due to small sample sizes.

Fourth, in the early 1990s, Berkeley City Health Department requested that its local health department data be reported separately from the county. In 1995, Pasadena and Long Beach City Health Departments in Los Angeles County joined Berkeley in Alameda County in having their health assessment data reported separately. In Figure/Table 7, the county graphs and tables for Alameda and Los Angeles *include* these cities while the cities' data, and the remainder of their counties, are shown separately.

Data for the three cities with local health departments are shown as separate health jurisdictions and ranked independently of the *remainder* of their counties in Tables 8-11. In these tables, 61 local health departments (58 counties and 3 cities) are ordered from high to low by the proportion exceeding the national standards on each indicator. The jurisdiction with the highest proportion is given a rank of 1 while that with the lowest proportion is given a rank of 61. The average rank is the mean of a jurisdiction's ranks over the five-year period. Since Pasadena and Long Beach data were not reported until 1995, rankings for 1994 extend from 1 to 59 and the average rank for Long Beach and Pasadena is a mean of four years rather than five. Similarly, the five-year percentage is the sum of all assessments exceeding the national standards on a given indicator over the five-year period divided by the total number of assessments in that period, and for Long Beach and Pasadena, that proportion is based on four years instead of five years.

Limitations

There are several inherent limitations to the trend analysis presented in this report. First, the proportions described in the table represent "health assessments" and not "individual children." Changes over time do not represent changes in particular individuals but simply changes in the population being assessed. Some clients may be represented multiple times during the five-year period. The CHDP periodicity schedule indicates infants and toddlers are seen more frequently than older children. The number of multiple measurements probably declines with reporting of health assessment data as the child grows in age. Second, increases or decreases in a given

indicator *could* be the result of nutritional improvements or deficits *or* could reflect changes in the population being served or in the ratio of continuing versus new clients. They could also reflect changes in data collection procedures that, in the case of anemia, underwent significant modifications during the 1994 - 1998 study period. During this period there were both targeted interventions designed to lower the prevalence of anemia *and* significant changes in the method of measuring blood chemistry. Third, the racial/ethnic make-up as well as nutritional deficits in the client population could contribute to an unusually high percentage exceeding the CDC's values on stature and weight based on the previous information on how growth curves were developed prior to the newly issued growth curves from CDC.

The relative contributions of ethnicity, nutritional deficits, and other factors cannot be determined by a trend analysis. Without an analysis of individual health assessment data, it is not possible to identify reasons for the observed changes. This report can only identify the proportion of health assessments for which values exceed the CDC's norms and the direction and magnitude of change in these assessments.

Please note:

Comparisons of this report with summaries of California data published earlier by the CDC will indicate minor differences in percentages and the number of records for cities, counties, and the state as a whole. According to the CDC, these differences are the result of records being added, changed, or deleted from the master file between release of the first PedNSS report and transmission of the data file for preparation of this document.

Findings

Changing Demographic Profile of Children Served

The ratio of males to females has remained relatively constant throughout the five-year period. Males slightly outnumber females in the health assessments made between 1994 and 1998, with a small but regular increase in the proportion of females (from 48.9 percent to 49.1 percent). (Table 5)

The proportion of whites, blacks, and Asians has steadily declined over the five years, while Hispanics, other, and unspecified ethnicities have steadily increased. Health assessments of white children declined from 13.7 percent to 11 percent, those for black children from 7.9 percent to 7.0 percent and those for Asian children from 5.9 percent to 5.0 percent. These are highly significant shifts in the population served, given the very large number of cases. Conversely, health assessments of Hispanic children increased from 63.6 percent to 65.9 percent, those for other groups, from 4.0 percent to 4.6 percent, and those for unspecified ethnicities, from 4.6 percent to 6.2 percent. (Table 5)

Another significant shift has been in the age distribution of children assessed throughout the state. Infants and toddlers have decreased, while children 3 – 17 years of age have increased. The biggest proportionate changes occurred in the 10 - 12 year age group, which almost doubled during the five-year period (from 3.3 percent to 5.8 percent of health assessments), and in those 13 - 17 years old, whose assessments increased by 52 percent. By 1998, infants under six months of age made up 22.3 percent of the assessments while a third (34.3 percent) were children less than a year old. Toddlers 12 to 35 months composed another 22.5 percent while roughly one fourth (28.7 percent) were five years of age and older. Thus, statewide totals mainly reflect the nutritional status of infants and toddlers (56.8 percent) and to an even greater degree, children less than five years of age (72.3 percent). (Table 5)

A small, but significant part of the change in nutritional indicators can be accounted for by shifts in the composition of children assessed. Changes in the age distribution account for roughly 11 percent of the decline in short stature, about 15 percent of the increase in overweight, and eight percent of the decline in low birth weight. The indicator experiencing the greatest change, anemia, was unaffected by changes in the age distribution. Increases in the number of Hispanic children assessed through the CHDP program account for 12 percent of the increase in the proportion of overweight children. Thus, most of the observed changes are due to other factors discussed in the methodology section.

Statewide Summary

Children examined by providers in California's CHDP program were disproportionately overweight and anemic. Assessments outside the standards were particularly high for anemia. Hemoglobin or hematocrit levels for children were well beyond the CDC's national standards for anemia. Of the approximately six million examinations that reported hemoglobin or hematocrit values, 14.8 percent were in the lowest five percent of the standards. This level of anemia was particularly high among one to two year olds. The Year 2000 objectives specified that no more than ten percent of children aged one to two years and five percent of those aged three to four would exceed the percentile standards established for their age group. In California in 1998, 16.2 percent of the one to two year olds and 13.7 of the three to four year olds examined under CHDP had hemoglobin or hematocrit values falling below the 5th percentile, indicating anemia.(Figure/Table 1.1)

Although less extreme relative to CDC standards and national estimates of obesity among children, the proportion of children described as overweight was still disproportionately high. In 9.3 million examinations over the five year period, CHDP providers indicated that 13.4 percent of the children had weight-for-height ratios exceeding the 95th percentile. While this is disproportionately high relative to the

standards, it is below the CDC's 1998 national estimate that 25 percent of children exceeded the 95th percentile on the weight-for-height standards.

Children served through the CHDP program exceeded the norms in two other indicators, short stature and low birth weight, and corresponded to the norm in the proportion underweight. Short stature was found in 6.4 percent of all examinations, well within the Year 2000 objective of lowering growth retardation to less than ten percent. In 1998, only children aged 13 to 17 failed to meet this goal with 10.6 percent falling below the fifth percentile on height for age. In addition to nutritional deficiencies, the slightly higher average for all age groups may be influenced by the ethnic make-up of California's low-income children. Over ten percent (10.5 percent) of Asian children served by CHDP providers fell below the fifth percentile in height. Birth weights below 5 lbs 8 oz occurred in 6.9 percent of the children examined. On the fifth indicator, California children were well within the norm. Only 2.5 percent of children examined were underweight. (Figure/Table 1.1)

Gender. Males were more likely than females to be of short stature (6.8 percent versus 6 percent), underweight (2.6 percent versus 2.3 percent) and anemic (14.9 percent versus 14.6 percent), while females were more apt to be overweight (14.2 percent versus 12.7 percent) and to have weighed less than 5 lbs 8 oz at birth (7.3 percent versus 6.4 percent). (Figure/Table 2.1)

Race. All racial groups substantially exceeded the norms on being overweight and anemic. However, black children were much more likely than others to fall below the fifth percentile on hemoglobin or hematocrit values (21.7 percent versus 13.4 to 15.8 percent for the other racial groups). More than one in five examinations of black children found a child with anemia. Hispanic and Native American children were more likely than others to be overweight (14.6 percent and 14.1 percent respectively compared with 10 to 11.5 percent for the other groups). Although closer to national norms, black children were almost twice as likely to experience a low birth weight (13.0 percent versus 6.2 to 7.4 percent for the other racial groups), while Asian children --

and to a lesser extent, black children -- were more often of short stature (10.5 percent and 7.4 percent respectively versus 5.6 to 6.0 percent for the other groups). White and black children were more apt to fall below the fifth percentile on weight than children in the other groups (3.3 percent and 3.2 percent respectively versus 2.1 to 2.9 percent for the others). (Figure/Table 3.1)

Age. The proportion of examinations of children whose weight exceeds the 95th percentile increases substantially with age. While 9.7 percent of children under three years of age fall in the extreme range, 20.6 percent of children 10 through 12 years of age exceed this norm. In contrast, anemia is much more common among younger children, decreasing regularly after the toddler age (varying between 17.1 percent and 18.9 percent between 6 and 35 months and decreasing to 10.8 percent for 13 - 17 year olds). Low birth weight is less of a problem among more recent cohorts. (Figure/Table 4.1)

Gender, race and age subgroups. Figure/Table 6 describes the 90 subgroups formed when gender, race, and age are combined (two genders, five racial categories, and nine age groups). Figure/Table 6.19.1-10 rank orders the 90 subgroups in terms of the proportion exceeding the national standards for each indicator in 1998. The subgroups with the greatest proportions in excess of the national standards identifies those either most at risk or most in need of critical attention to determine the cause of their unusual placement in the distribution. Specifically:

Short stature. Nine of the 15 subgroups with more than ten percent below the fifth percentile on stature were Asian/Pacific Islanders. The age groups exceeding the norm were males and females five and older, males 6 - 23 months and females 12 - 23 months. Asian/Pacific Islander infants were very close to the statewide average of 6.3 percent. Black male infants under a year and black female infants zero - two months constituted 4 of the 15 subgroups with extremely short stature. Hispanic teenagers -- males and females 13 - 17 -- made up the other two groups. (Figure/Table 6.19.1-2)

Overweight. Hispanics and Native Americans were the subgroups with the greatest proportions overweight. Seven of the 19 subgroups with more than 16 percent exceeding the 95th percentile on weight for height were Hispanics and seven were Native Americans. Hispanic males 5 to 12, Hispanic females five - nine, and Hispanic males and females three - five months and 12 - 23 months were in the extreme range. Similarly, Native American males 5 to 12 years and 12 - 23 months and females five - nine years, 6 - 23 months and 36 - 59 months had proportions overweight in excess of 16 percent. Black infants three - five months (male and female) and females 12 - 23 months exceeded this figure while Asian/Pacific Islander males 10 - 12 and females three - five months did as well. The concentration of two racial groups outside the norm should be interpreted with caution because the norms for children under two were based on a white, Midwestern population and those for older age groups, while representative of the United States population, would under-represent Hispanic and Native American children. (Figure/Table 6.19.3 - 4)

Underweight. Only 2 of the 90 subgroups had more than five percent below the fifth percentile on weight for height and almost all of the subgroups with the highest proportions are infants under two years. This may indicate that changes in prenatal care over the last 30 years -- in particular, weight control during pregnancy -- may have altered the weight norms for infants. (Figure/Table 6.19.5 - 6)

Low birth weight. Low birth weight occurs almost exclusively among black children. Sixteen of the 18 subgroups with more than 11 percent experiencing low birth weight were black children; the remaining two were Native American males 10 - 17. Black females in each of the nine age groups and black males in all but two age groups were in the 18 subgroups with the highest proportion experiencing low birth. The two other age groups for black males were only slightly lower (between 9.9 and 10.5 percent). (Figure/Table 6.19.7 - 8)

Anemia. Hematology values for assessing anemia at or below the fifth percentile were found in greater proportions in black children. Ten of the 17 groups with

more than 19 percent below the fifth percentile on hemoglobin and hematocrit values were black children. These included black males and females 6 to 59 months, black males 10 - 12 and black females 13 - 17. Native American children 6 - 35 months made up 5 of the 17 subgroups and a sixth with 18.4 percent outside the norm. Assuming that measurement problems had been corrected by 1998 and that, in any case, they would affect all groups equally, it appears that prevention programs targeting anemia should be focused in communities with significant concentrations of black and Native American children. (Figure/Table 6.19.9 - 10)

Statewide Trends

The proportion of health assessments reporting hematology values at or below the fifth percentile declined by 14 percent over the five-year period summarized in this report. Several factors may have influenced this change. During the time period covered by this report there were both targeted interventions designed to lower the prevalence of anemia and significant changes in data collection procedures that would have affected its measurement. In addition, anemia is not reported for infants less than six months of age, who made up between 22 percent and 26 percent of the children assessed from 1994 to 1998. Since there were roughly half as many assessments for anemia as there were for stature, it appears that anemia is often not assessed among older age groups as well. As a result, it is difficult to know whether the decline in anemia is real. It could be an artifact of either the decision regarding which assessments would include the measurement of anemia or the data collection procedures used could reflect real nutritional improvements. (Figure/Table 1.2)

Three other indicators declined more modestly over the study period. Short stature, the most frequently measured indicator, declined 4.6 percent from 1994 to 1998 and the prevalence of low birth weight went down 6.9 percent. The proportion of *underweight* children, already lower than expected given the national norms, declined 11.5 percent while the proportion of *overweight* children increased 7.6 percent. Once again, it is difficult to evaluate the meaning of these changes because weight is not reported for boys 13 to 17 and for girls 10 to 17. Beginning with toddlers, the percentage overweight increases steadily through the 10 to 12 age group -- even though girls older than nine years of age are not included in the figures. (Figure/Table 4.1) Since most of the children assessed are under ten years of age (87 percent in 1998), it is likely that the increase in children who are overweight is real. (Table 5)

Gender. There were no gender differences in the direction of change for the five nutritional indicators. On three of the five indicators (short stature, underweight, and anemia), the decreases were of similar magnitude for both males and females.

However, between 1994 and 1998, assessments of young males exceeding the national standards for overweight increased more than they did for young females (an increase of 9.5 percent for males versus 6.4 percent for females). At the same time, the proportion of males with low birth weight decreased more than the same proportion for females (7.2 percent versus 5.8 percent for females). (Figure/Table 2.2-3)

Race. The proportion of health assessments with reports of overweight children increased among all racial groups, although the increase was greatest among Asians (up 14 percent). Similarly, the proportion of health assessments with reports of underweight decreased or held steady for all groups. The decline in reports of underweight was greatest for Native Americans and Asians (16 percent each). In contrast to the trends for other groups, two populations -- Native Americans and Asians -- experienced an increase in the proportion with short stature, with the increase for Native Americans particularly marked (up 13 percent). Over the same time period, Native Americans experienced the greatest decline (24 percent) in low birth weights, while Asian children reversed the trend with an increase of 9 percent. Finally, one group, Native Americans, experienced a modest increase in the proportion with anemia. (Figure/Table 3.2-7)

Age. There were few clear trends among children less than a year old, other than a modest decline (around ten percent) in the proportion with unusually low birth weight and a similar decline, for those 6 - 11 months, in the proportion with anemia. The proportionate decrease in anemia hovered around 10 percent for children up to five years of age, with a more significant decrease of 14 percent to 18 percent for children five years and older. Among children two to nine years of age, the proportion underweight declined by 18 percent to 20 percent while the proportion overweight for those 2 to 12 increased between 8 percent and 19 percent, the size of the increase going up steadily with age. Low birth weight was more of a problem among older cohorts, the proportion increasing regularly with age in all five years, from a low of 5.7 to 6.4 percent among infants to a high of 8.1 to 8.4 percent among those 13 to 17 years of age. There were also steady declines in low birth weight in most age groups.

Together, these findings suggest real improvement in problems associated with low birth weights. (Figure/Table 4.2-10)

Local Health Department Comparisons

Eight counties account for 73.3 percent of all examinations of children assessed through the CHDP program in 1998. These include Los Angeles (35.9 percent), Orange (10.3 percent), San Diego (6.8 percent), San Bernardino (5.6 percent), Fresno (4.8 percent), Riverside (4.4 percent), Sacramento (3.0 percent), and Kern (2.5 percent). Nutritional initiatives targeting children in these counties would have a major impact on the health status of the state's children. (Table 14)

Short Stature. Extremely short stature occurs most often in Merced, Fresno, San Joaquin, Yuba, San Francisco, and Mono Counties, which average between 7.8 and 8.4 percent exceeding the standard over the five-year period. In addition, eleven other counties and the City of Berkeley exceed the statewide average of 6.4 percent. (Table 8.1)

Overweight. Unusually high proportions of overweight children are found most often in San Benito, Tulare, Los Angeles, and Merced Counties, which average between 14.0 and 15.1 percent exceeding the national standard over the five-year period. Six other counties and the City of Long Beach also exceeded the statewide average of 13.4 percent. (Table 8.2)

Underweight. None of California's geographic areas has a disproportionate number of underweight children examined by CHDP providers. Fewer than five percent of all examinations found children below the fifth percentile on the weight/height ratio. (Table 8.3)

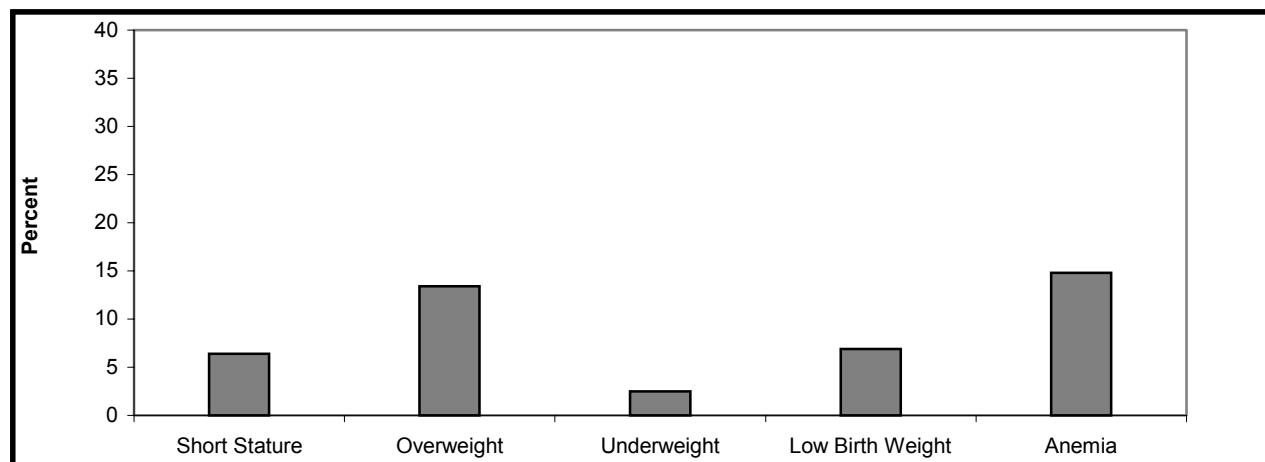
Low birth weight. On the other hand, in 28 health jurisdictions, 25 counties, and 3 cities, CHDP providers reported significant percentages of children with low birth weight.

In a highly disparate group of counties -- Mono, Mariposa, San Benito, Madera, Lassen, San Francisco, and Sacramento -- between 8.5 and 12.1 percent of all examinations involved children who weighed less than 5 lbs 8 oz at birth. (Table 8.4)

Anemia. Anemia is the nutritional status indicator of greatest concern among children examined by CHDP providers. Roughly half of all counties and health districts (31) had a five-year average of 15 percent or more falling below the fifth percentile on hemoglobin or hematocrit values. Seven counties (Mono, Kings, Sutter, Alameda, Colusa, Yuba, and Yolo) and the City of Berkeley averaged 20 percent or more in this extreme range. Although anemia is the only nutritional indicator to show a steady, if modest, decline over the five-year period, it is not clear how much of the decrease is due to changes in data collection procedures and how much might be the result of targeted intervention and real improvement among children served by CHDP providers. (Table 8.5)

Average over all indicators. In four counties (Mono, Alameda, Kings, and Yuba) and the City of Berkeley, more than ten percent of all assessments on all indicators over the five-year period exceed the national standards. Although these four counties have proportionately more at-risk children than other counties, they collectively account for only a small proportion (2.35 percent) of children assessed by CHDP providers. Combining Alameda with six other urban counties (Sacramento, Riverside, San Bernardino, Santa Clara, Tulare, and Orange), all of which have higher percentages of assessments exceeding national standards, accounts for almost 30 percent of assessed children. Adding Los Angeles to the list would encompass fully two-thirds of the state's low-income children. (Tables 10 and 14)

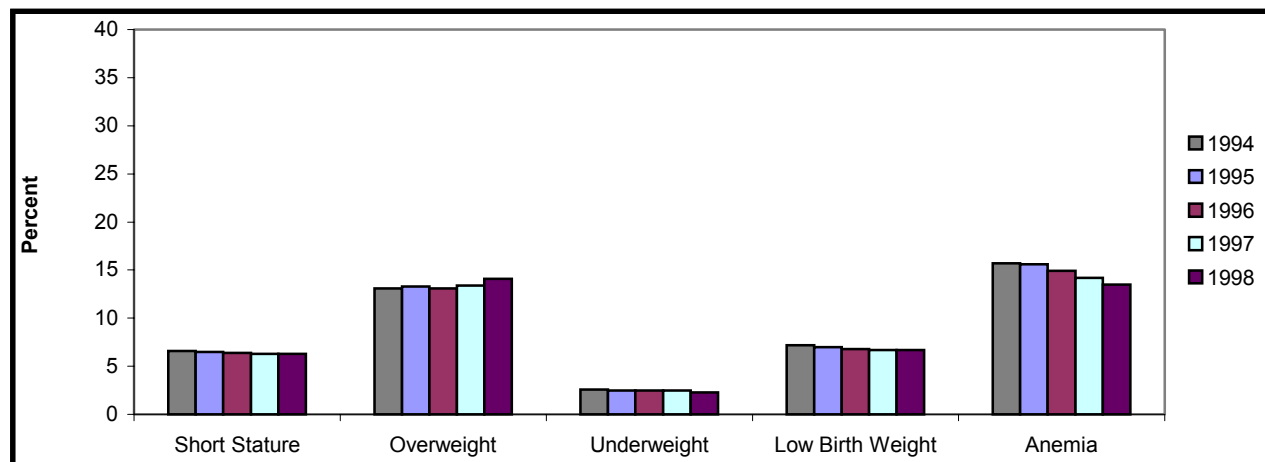
Figure/Table 1.1 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, 1994 - 1998: State of California Five-Year Total



Percent of Health Assessments Exceeding National Standards

Indicators	5-year Total
Short Stature	6.4
Overweight	13.4
Underweight	2.5
Low Birth Weight	6.9
Anemia	14.8

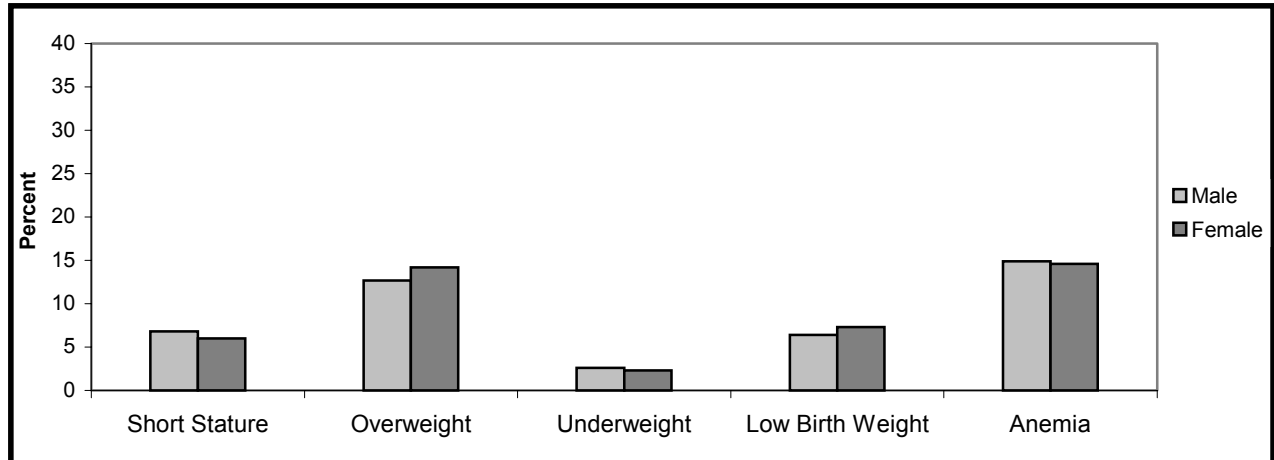
Figure/Table 1.2 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, 1994 - 1998: State of California Five-Year Trend



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.6	6.5	6.4	6.3	6.3
Overweight	13.1	13.3	13.1	13.4	14.1
Underweight	2.6	2.5	2.5	2.5	2.3
Low Birth Weight	7.2	7.0	6.8	6.7	6.7
Anemia	15.7	15.6	14.9	14.2	13.5

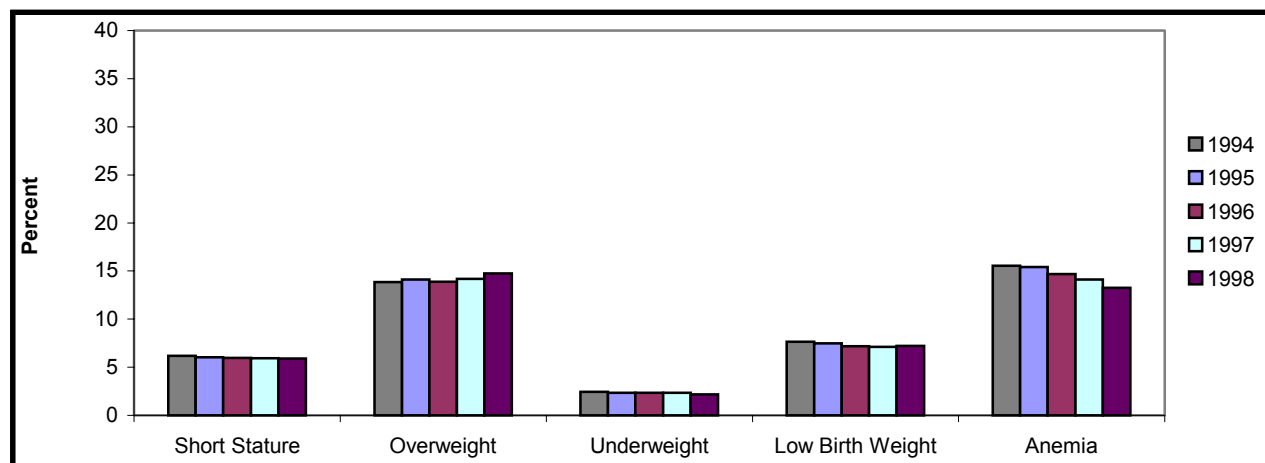
Figure/Table 2.1 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Gender, 1994 - 1998: State of California Five-Year Total



Percent of Health Assessments Exceeding National Standards

Indicators	Male	Female
Short Stature	6.8	6.0
Overweight	12.7	14.2
Underweight	2.6	2.3
Low Birth Weight	6.4	7.3
Anemia	14.9	14.6

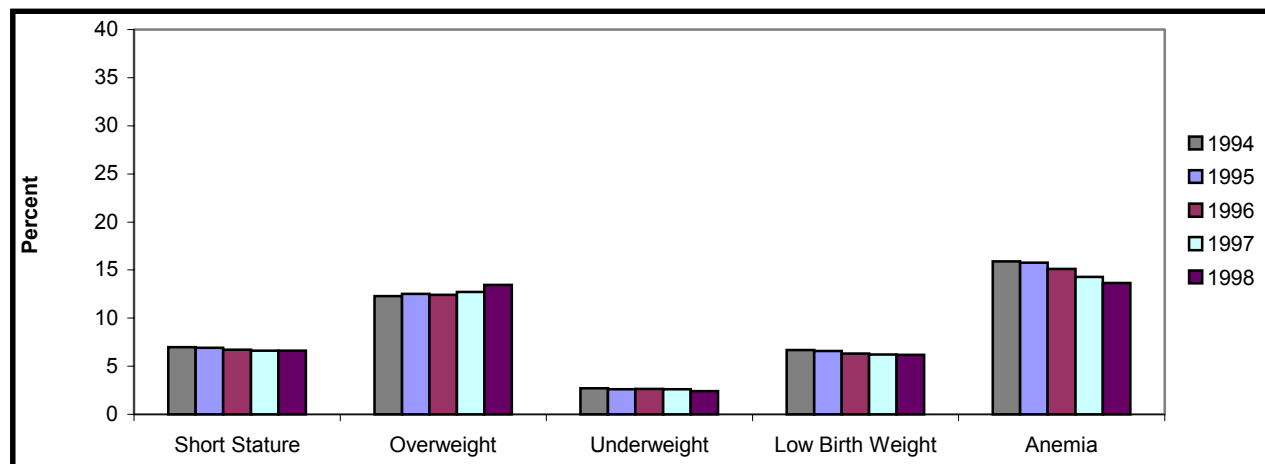
Figure/Table 2.2. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Gender, 1994 - 1998: State of California Five-Year Trend -- Females



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.19	6.05	5.98	5.92	5.91
Overweight	13.86	14.11	13.88	14.17	14.75
Underweight	2.45	2.36	2.35	2.35	2.17
Low Birth Weight	7.65	7.49	7.21	7.11	7.21
Anemia	15.53	15.42	14.69	14.10	13.24

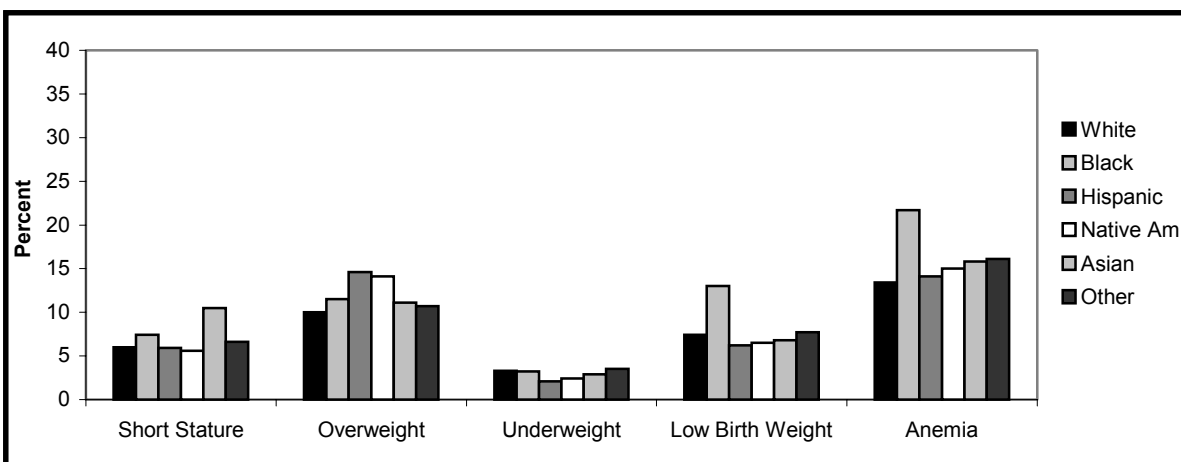
Figure/Table 2.3. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Gender, 1994 - 1998: State of California Five-Year Trend -- Males



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.98	6.92	6.74	6.63	6.62
Overweight	12.30	12.53	12.41	12.73	13.47
Underweight	2.72	2.62	2.64	2.60	2.42
Low Birth Weight	6.69	6.59	6.34	6.22	6.21
Anemia	15.92	15.78	15.11	14.30	13.66

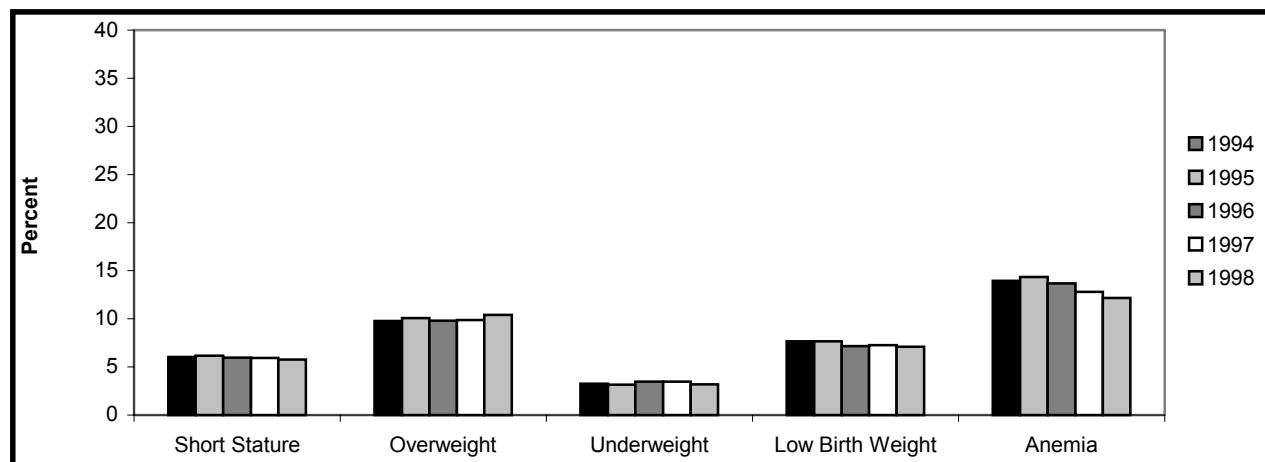
Figure/Table 3.1 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Race, 1994 - 1998: State of California Five-Year Total



Percent of Health Assessments Exceeding National Standards

Indicators	White	Black	Hispanic	Native Am	Asian	Other
Short Stature	6.0	7.4	5.9	5.6	10.5	6.6
Overweight	10.0	11.5	14.6	14.1	11.1	10.7
Underweight	3.3	3.2	2.1	2.4	2.9	3.5
Low Birth Weight	7.4	13.0	6.2	6.5	6.8	7.7
Anemia	13.4	21.7	14.1	15.0	15.8	16.1

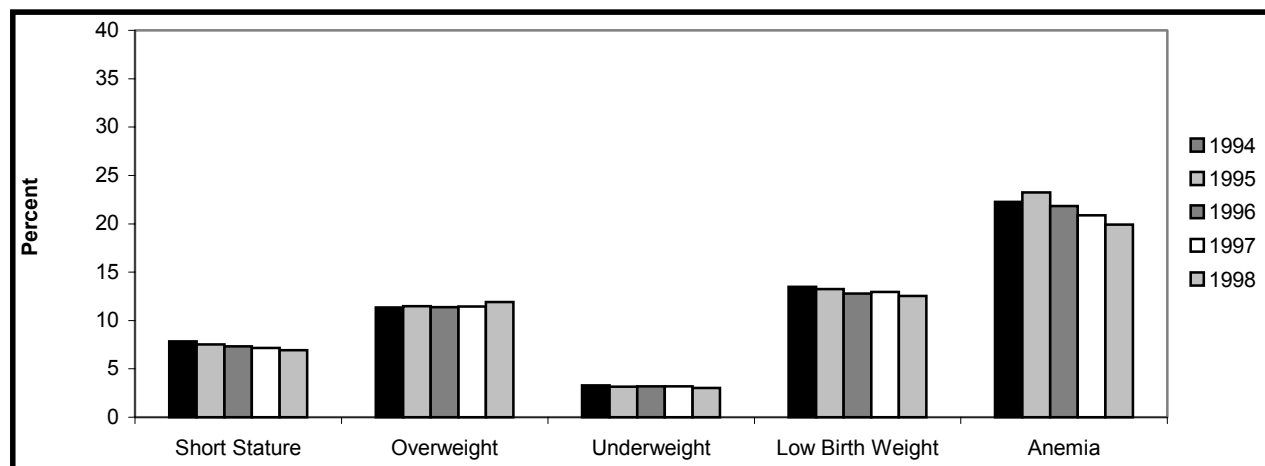
Figure/Table 3.2 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Race, 1994 - 1998: State of California Five-Year Trend -- White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.0	6.2	6.0	5.9	5.8
Overweight	9.8	10.1	9.8	9.9	10.4
Underweight	3.2	3.1	3.5	3.5	3.2
Low Birth Weight	7.6	7.7	7.1	7.3	7.1
Anemia	14.0	14.3	13.7	12.8	12.2

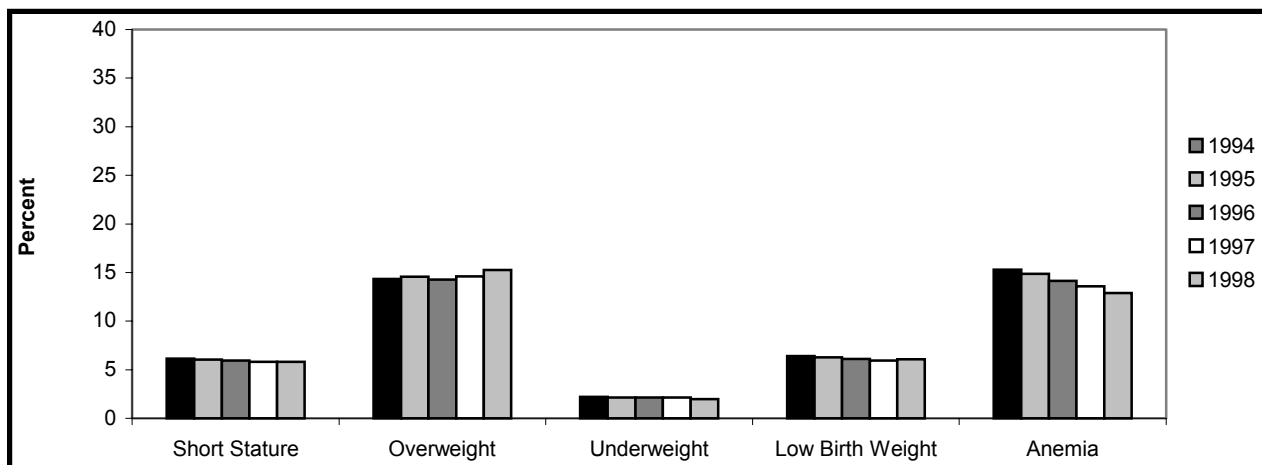
Figure/Table 3.3 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Race, 1994 - 1998: State of California Five-Year Trend -- Black



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.8	7.5	7.3	7.2	6.9
Overweight	11.4	11.5	11.4	11.4	11.9
Underweight	3.3	3.2	3.2	3.2	3.0
Low Birth Weight	13.5	13.3	12.8	13.0	12.5
Anemia	22.3	23.2	21.8	20.9	19.9

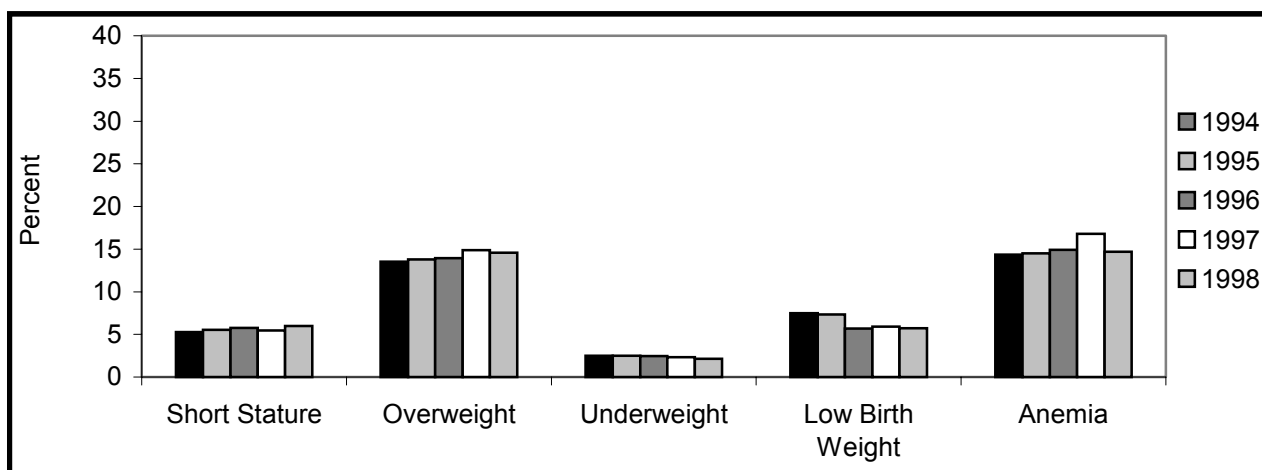
Figure/Table 3.4 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Race, 1994 - 1998: State of California Five-Year Trend -- Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.1	6.0	6.0	5.8	5.8
Overweight	14.3	14.6	14.3	14.6	15.3
Underweight	2.2	2.1	2.1	2.1	2.0
Low Birth Weight	6.4	6.3	6.1	5.9	6.1
Anemia	15.3	14.9	14.2	13.6	12.9

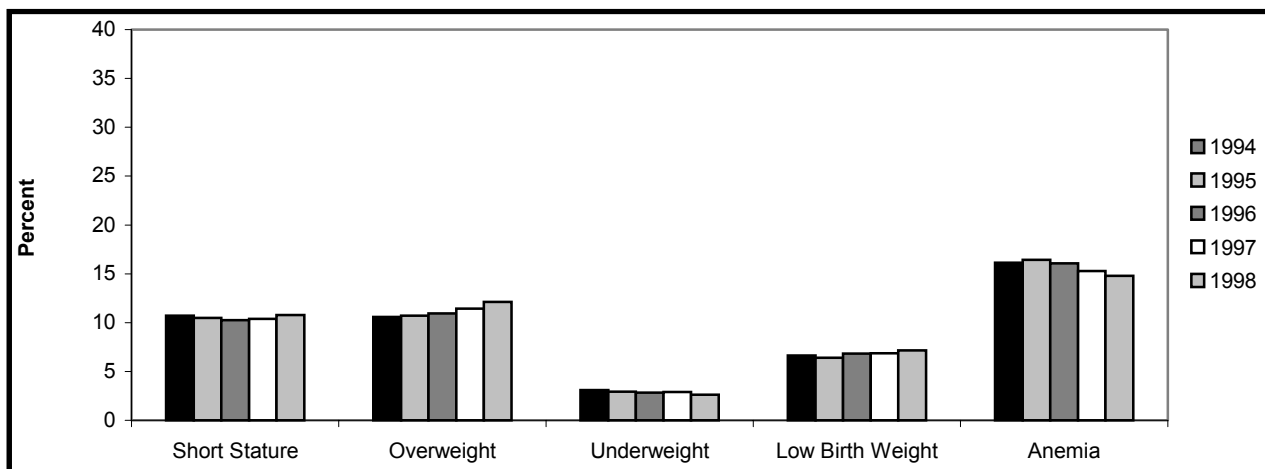
Figure/Table 3.5 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Race, 1994 - 1998: State of California Five-Year Trend -- Native American/Alaskan Native



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.3	5.5	5.8	5.5	6.0
Overweight	13.5	13.8	13.9	14.9	14.6
Underweight	2.5	2.5	2.5	2.3	2.1
Low Birth Weight	7.5	7.3	5.7	5.9	5.7
Anemia	14.3	14.5	14.9	16.8	14.7

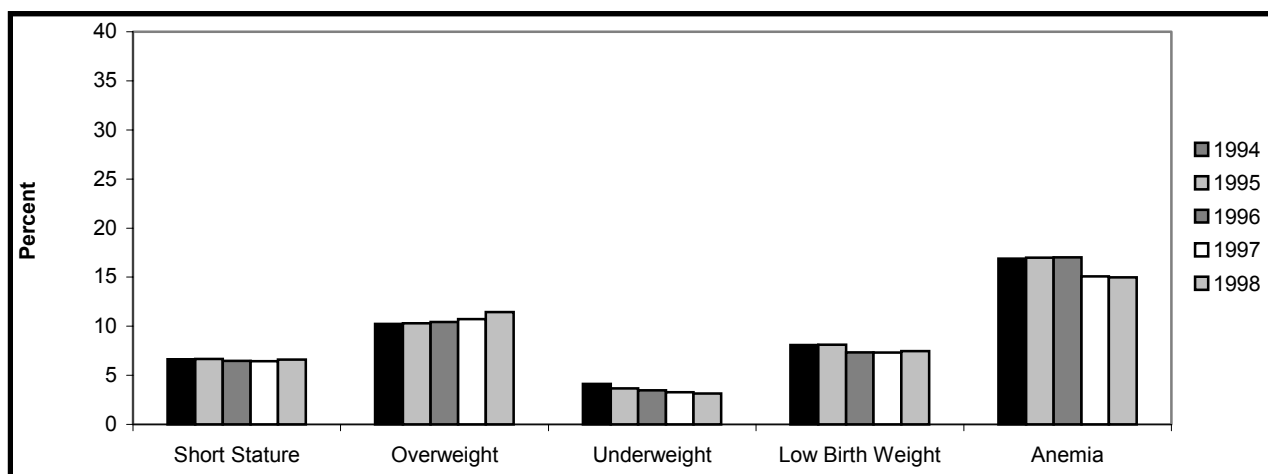
Figure/Table 3.6 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Race, 1994 - 1998: State of California Five-Year Trend -- Asian/Pacific Islander



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	10.7	10.5	10.3	10.4	10.8
Overweight	10.6	10.7	10.9	11.4	12.1
Underweight	3.1	2.9	2.8	2.9	2.6
Low Birth Weight	6.6	6.4	6.8	6.9	7.2
Anemia	16.1	16.4	16.1	15.3	14.8

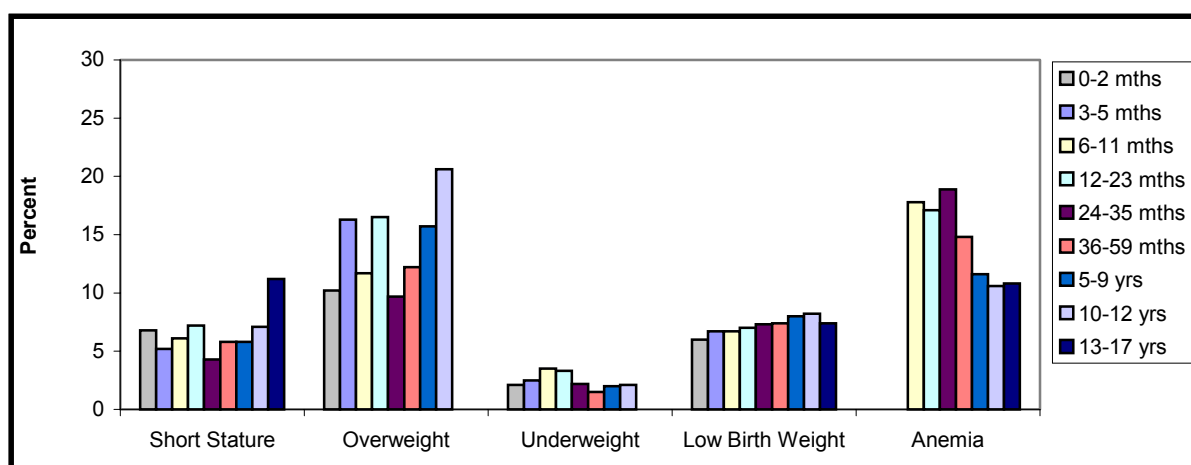
Figure/Table 3.7 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Race, 1994 - 1998: State of California Five-Year Trend -- Other



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.6	6.7	6.5	6.4	6.6
Overweight	10.2	10.3	10.4	10.7	11.4
Underweight	4.1	3.7	3.5	3.3	3.1
Low Birth Weight	8.1	8.1	7.3	7.3	7.5
Anemia	16.9	17.0	17.0	15.1	15.0

Figure/Table 4.1 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Total

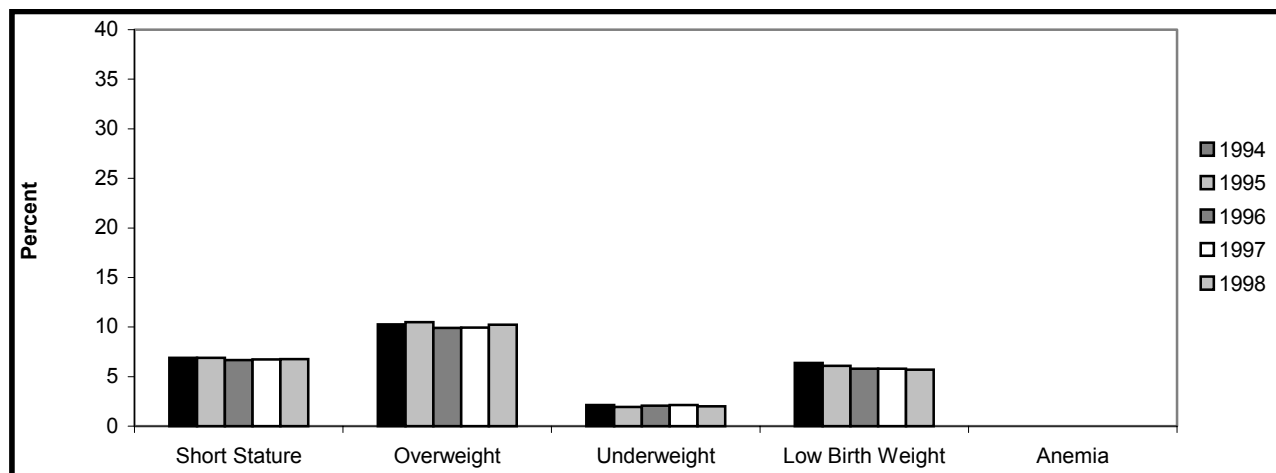


Percent of Health Assessments Exceeding National Standards

Indicators	0-2 mths	3-5 mths	6-11 mths	12-23 mths	24-35 mths	36-59 mths	5-9 yrs	10-12 yrs	13-17 yrs
Short Stature	6.8	5.2	6.1	7.2	4.3	5.8	5.8	7.1	11.2
Overweight	10.2	16.3	11.7	16.5	9.7	12.2	15.7	20.6	*
Underweight	2.1	2.5	3.5	3.3	2.2	1.5	2.0	2.1	*
Low Birth Weight	6.0	6.7	6.7	7.0	7.3	7.4	8.0	8.2	7.4
Anemia	*	*	17.8	17.1	18.9	14.8	11.6	10.6	10.8

*The CDC does not report anemia for infants 0 to 5 months and weight-to-height for females 10 and over and males 13-17.

Figure/Table 4.2 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Trend -- 0 - 2 Months

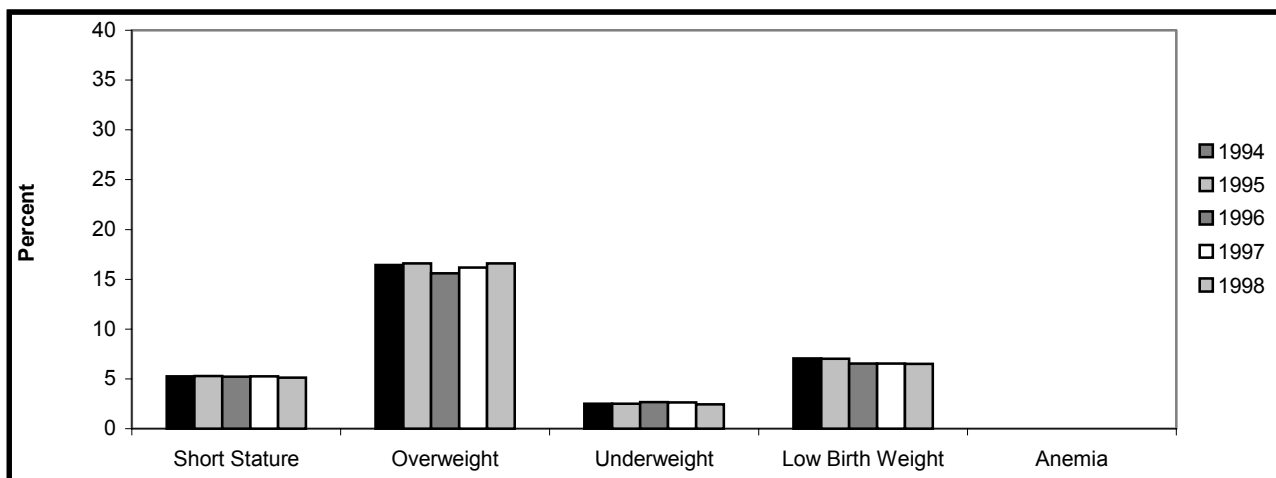


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.9	6.9	6.6	6.7	6.7
Overweight	10.3	10.5	9.9	9.9	10.2
Underweight	2.1	1.9	2.0	2.1	2.0
Low Birth Weight	6.4	6.1	5.8	5.8	5.7
Anemia	*	*	*	*	*

*The CDC does not report anemia for infants 0 to 5 months.

Figure/Table 4.3 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Trend -- 3 - 5 Months

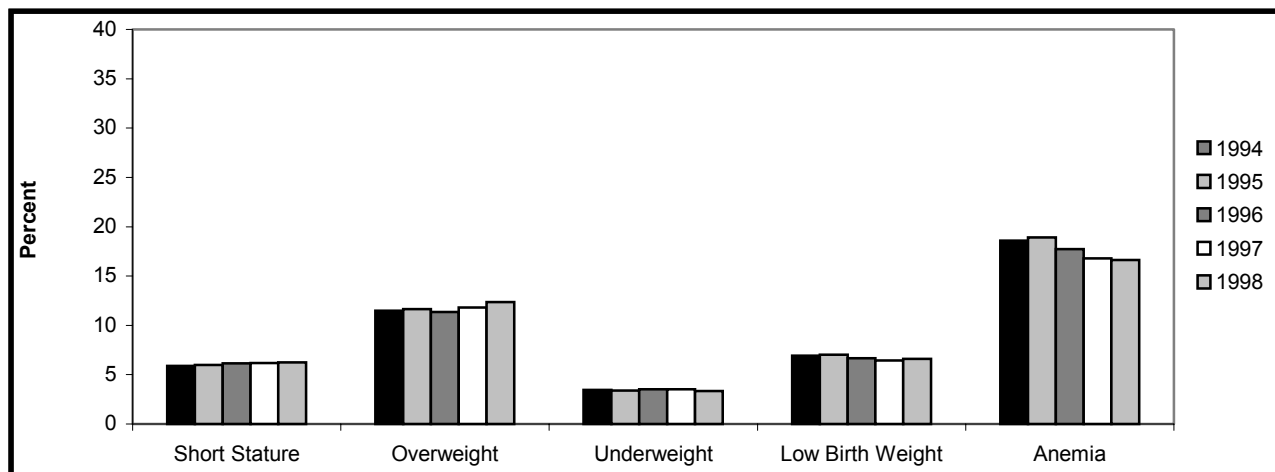


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.2	5.3	5.2	5.3	5.1
Overweight	16.4	16.6	15.6	16.2	16.6
Underweight	2.5	2.5	2.7	2.6	2.4
Low Birth Weight	7.1	7.0	6.5	6.5	6.5
Anemia	*	*	*	*	*

*The CDC does not report anemia for infants 0 to 5 months.

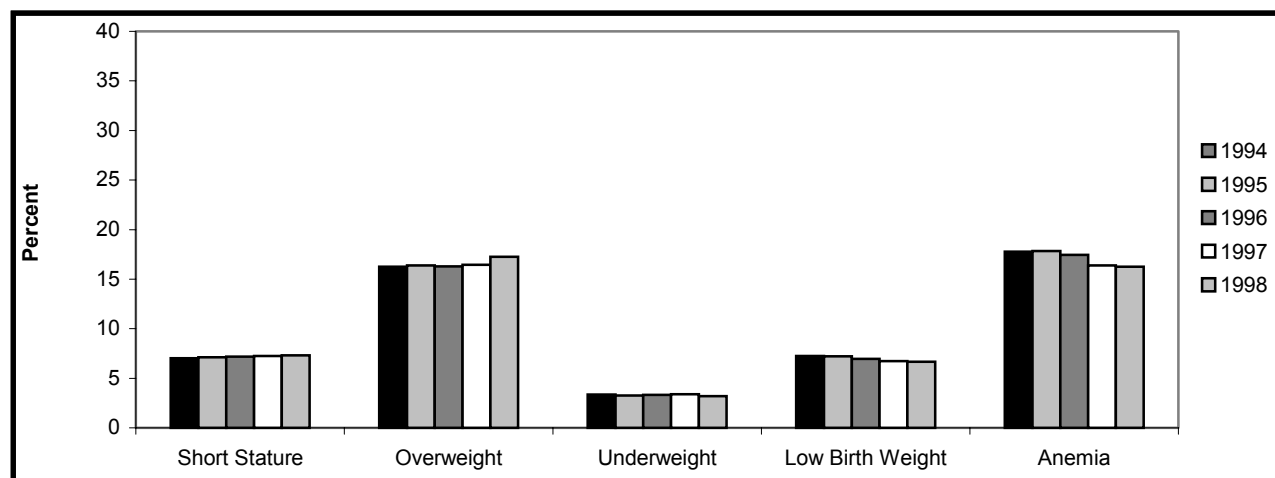
Figure/Table 4.4 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Trend -- 6 - 11 Months



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.9	6.0	6.1	6.2	6.3
Overweight	11.5	11.6	11.3	11.8	12.4
Underweight	3.5	3.4	3.5	3.5	3.3
Low Birth Weight	6.9	7.0	6.7	6.4	6.6
Anemia	18.6	18.9	17.7	16.8	16.6

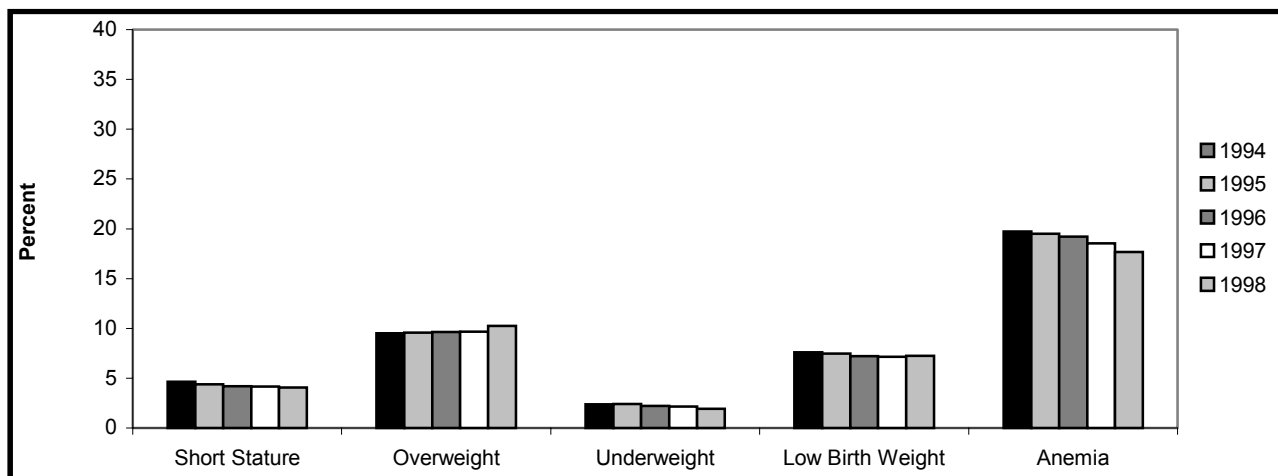
Figure/Table 4.5 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Trend -- 12 - 23 Months



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.0	7.1	7.2	7.2	7.3
Overweight	16.2	16.4	16.3	16.5	17.3
Underweight	3.3	3.3	3.3	3.4	3.2
Low Birth Weight	7.2	7.2	7.0	6.7	6.7
Anemia	17.8	17.8	17.4	16.4	16.2

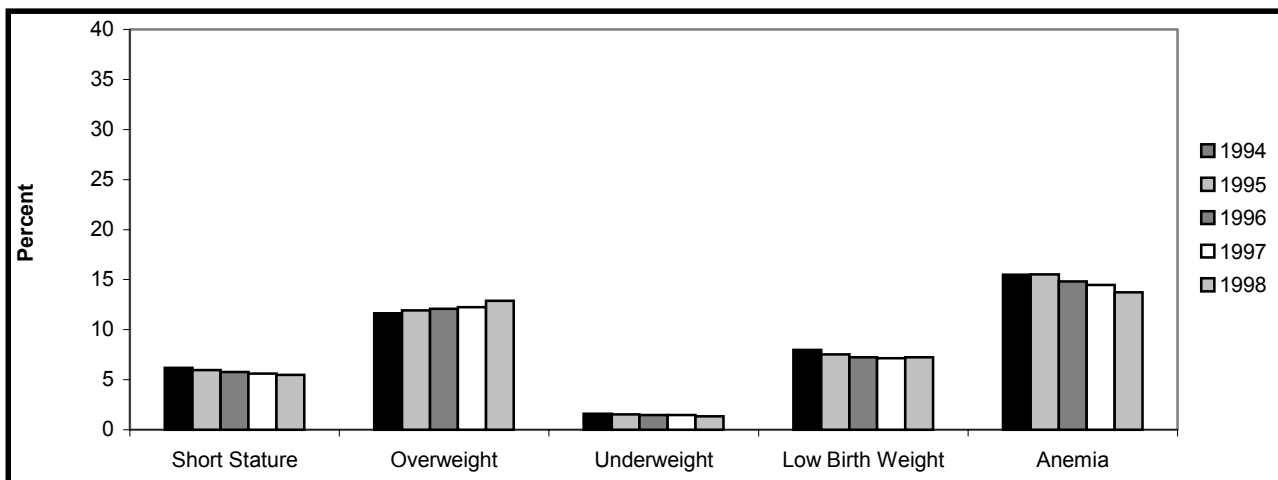
Figure/Table 4.6 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Trend -- 24 - 35 Months



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.6	4.4	4.2	4.2	4.1
Overweight	9.5	9.6	9.6	9.7	10.3
Underweight	2.4	2.4	2.2	2.1	1.9
Low Birth Weight	7.6	7.5	7.2	7.2	7.2
Anemia	19.7	19.5	19.2	18.5	17.7

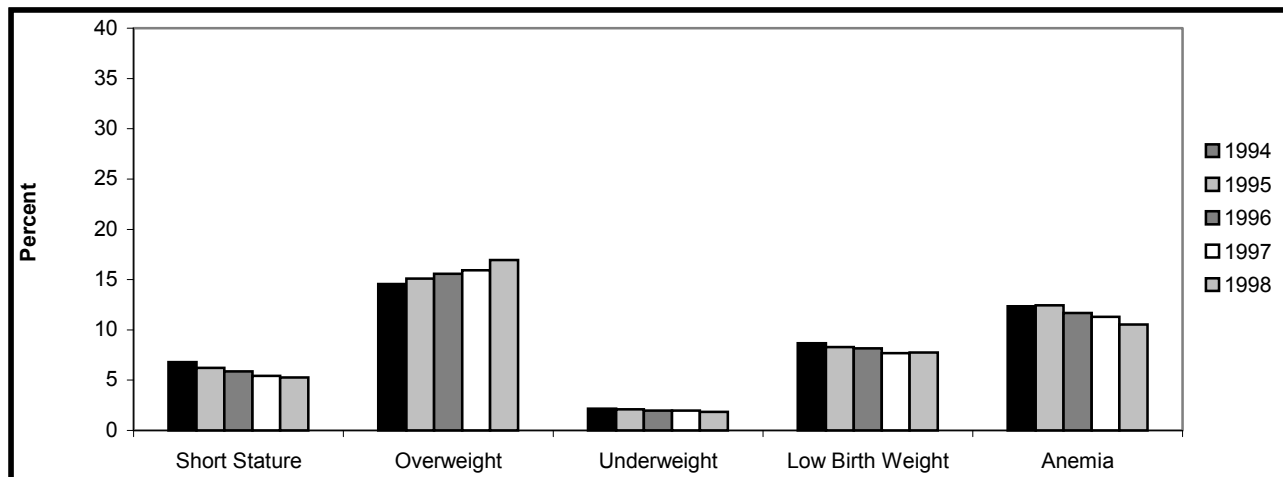
Figure/Table 4.7 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Trend -- 36 - 59 Months



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.2	6.0	5.8	5.6	5.5
Overweight	11.6	11.9	12.1	12.2	12.9
Underweight	1.6	1.5	1.5	1.5	1.3
Low Birth Weight	8.0	7.5	7.3	7.2	7.2
Anemia	15.5	15.5	14.8	14.5	13.7

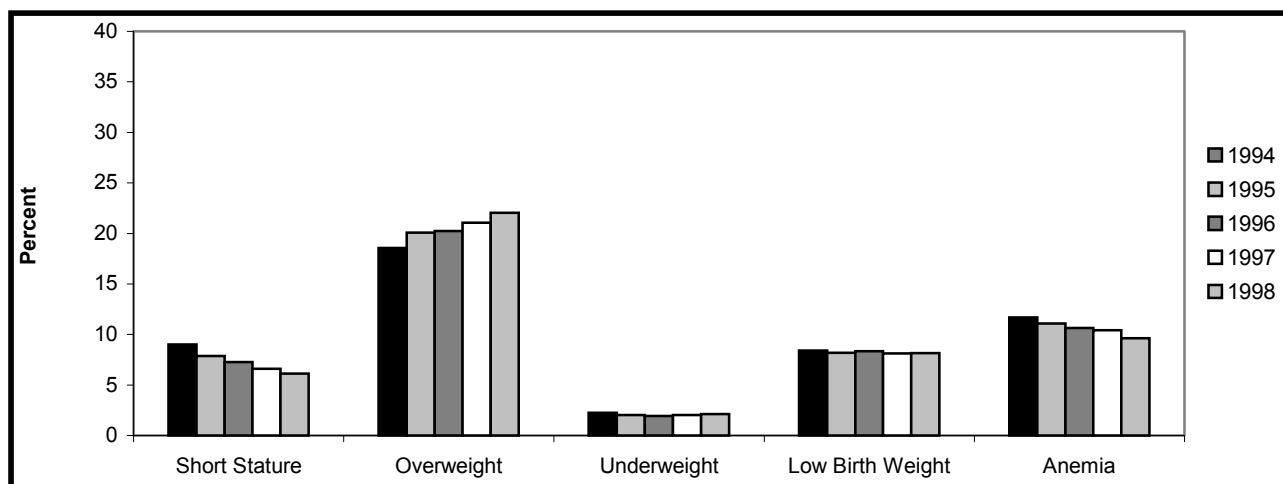
Figure/Table 4.8 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Trend -- 5 - 9 Years



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.8	6.2	5.9	5.4	5.3
Overweight	14.6	15.1	15.6	15.9	16.9
Underweight	2.2	2.1	2.0	2.0	1.8
Low Birth Weight	8.7	8.3	8.1	7.7	7.7
Anemia	12.3	12.4	11.7	11.3	10.5

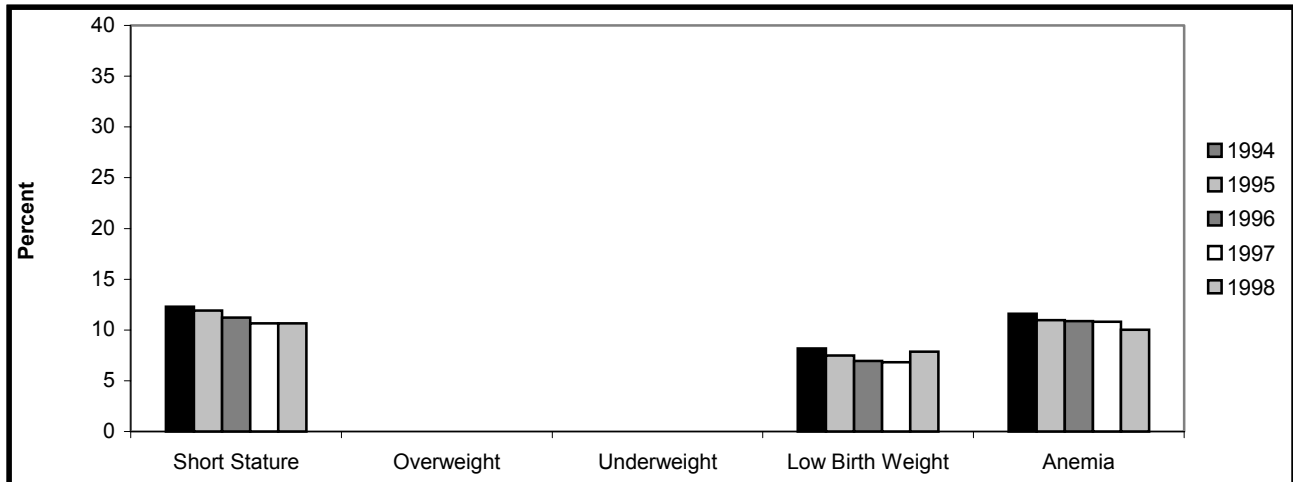
Figure/Table 4.9 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Trend -- 10 - 12 Years



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.0	7.9	7.2	6.6	6.1
Overweight	18.6	20.1	20.2	21.1	22.1
Underweight	2.3	2.0	1.9	2.0	2.1
Low Birth Weight	8.4	8.2	8.3	8.1	8.1
Anemia	11.7	11.1	10.6	10.4	9.6

Figure/Table 4.10 Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Age, 1994 - 1998: State of California Five-Year Trend -- 13 - 17 Years



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	12.3	11.9	11.2	10.7	10.6
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	8.2	7.5	6.9	6.8	7.9
Anemia	11.6	11.0	10.9	10.8	10.0

*The CDC does not report weight-for-height for females 10 and over and males 13-17.

**Table 5. Percent Distribution by Gender, Race and Age
of Children Described in Health Assessments 1994-1998**

		Percent Statewide				
		1994	1995	1996	1997	1998
Gender	Female	48.9	49.0	49.0	49.1	49.1
	Male	51.1	51.0	51.0	50.9	50.9
	Total	100.0	100.0	100.0	100.0	100.0
Race	White	13.7	13.2	12.5	11.3	11.0
	Black	7.9	7.8	7.4	7.5	7.0
	Hispanic	63.6	64.1	65.4	65.6	65.9
	Native American	.3	.3	.3	.3	.3
	Asian	5.9	5.7	5.4	5.2	5.0
	Other	4.0	4.0	4.2	4.3	4.6
	Not Specified	4.6	4.9	4.8	5.7	6.2
	Total	100.0	100.0	100.0	100.0	100.0
Age	0-2 months	16.4	15.7	14.9	14.4	14.2
	3-5 months	10.2	9.8	9.0	8.6	8.1
	6-11 months	15.2	14.5	13.6	12.7	12.0
	12-23 months	17.8	17.4	16.9	16.0	15.5
	24-35 months	7.3	7.2	7.4	7.3	7.0
	36-59 months	13.1	13.9	14.8	14.9	14.6
	5-9 years	11.9	12.6	13.4	15.2	15.6
	10-12 years	3.3	3.6	4.1	4.6	5.8
	13-17 years	4.8	5.4	6.0	6.3	7.3
	Total	100.0	100.0	100.0	100.0	100.0

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Gender, Race, Age and Year, 1994 – 1998

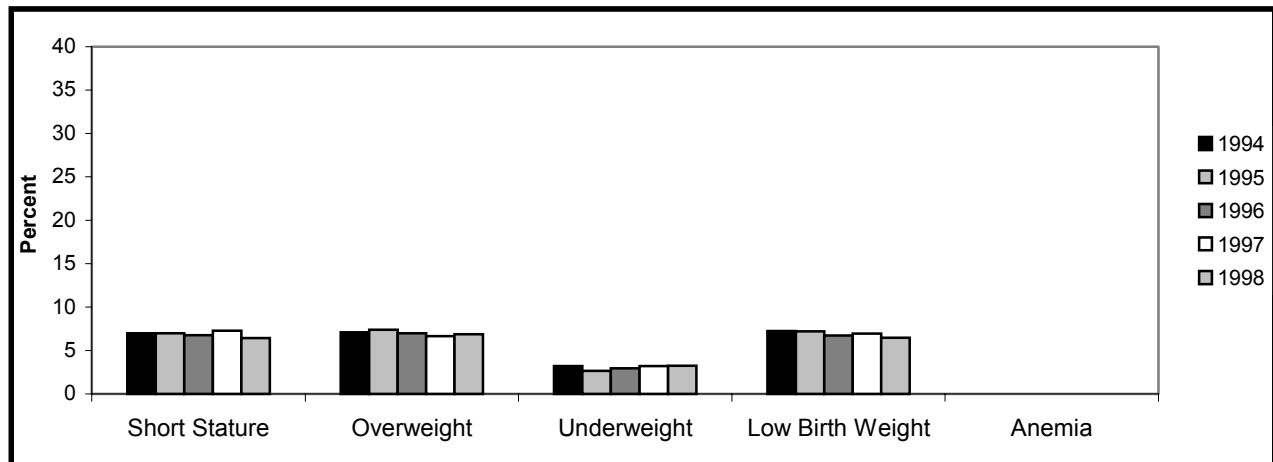
A note regarding the following figures and tables:

Missing data. Asterisks (*) in the tables and missing bars in the graphs indicate that the data were not available. In some cases, sample sizes were too small for reliable estimates while in others the measure is not reported for the age group. Specifically, the CDC does not report anemia for infants 0 to 5 months and weight-for-height for females 10 and over and males 13 - 17.

Interpretation of trend data. Readers are cautioned that trends observable in the figures are *not* the result of measurements on the same children over time and therefore cannot be interpreted as increases or decreases in a group of individuals. Instead, these trends describe each year's health assessments that, in the case of younger age groups, may include multiple measures on the same child. Succeeding years include a changing roster of children; some will have been assessed in earlier years while others will undergo assessment for the first, and sometimes only, time.

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

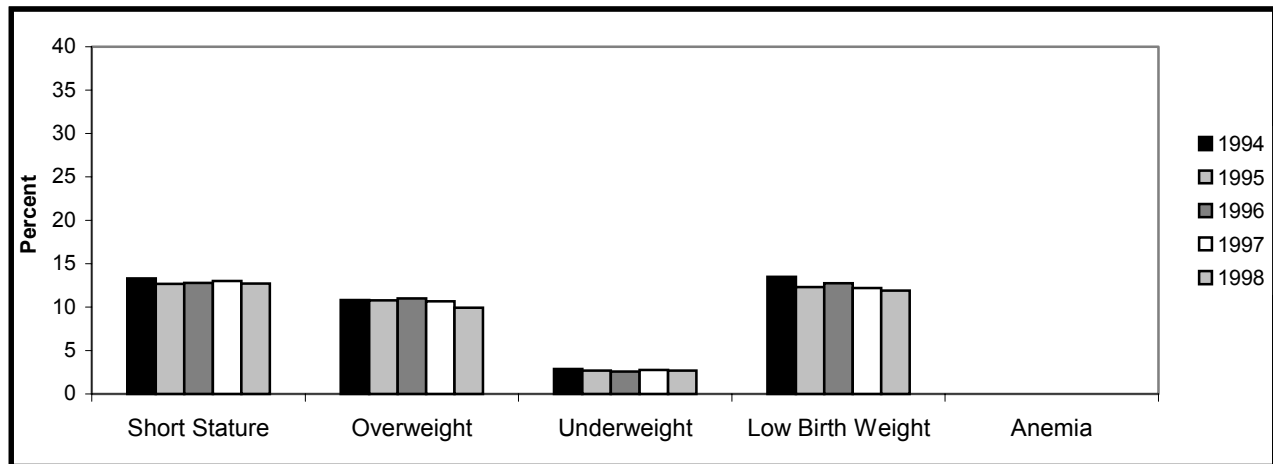
Figure/Table 6.1.1 Female: 0-2 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.0	7.0	6.8	7.3	6.4
Overweight	7.1	7.4	7.0	6.7	6.9
Underweight	3.2	2.7	2.9	3.2	3.2
Low Birth Weight	7.2	7.2	6.7	7.0	6.5
Anemia	*	*	*	*	*

Figure/Table 6.1.2 Female: 0-2 Months, Black

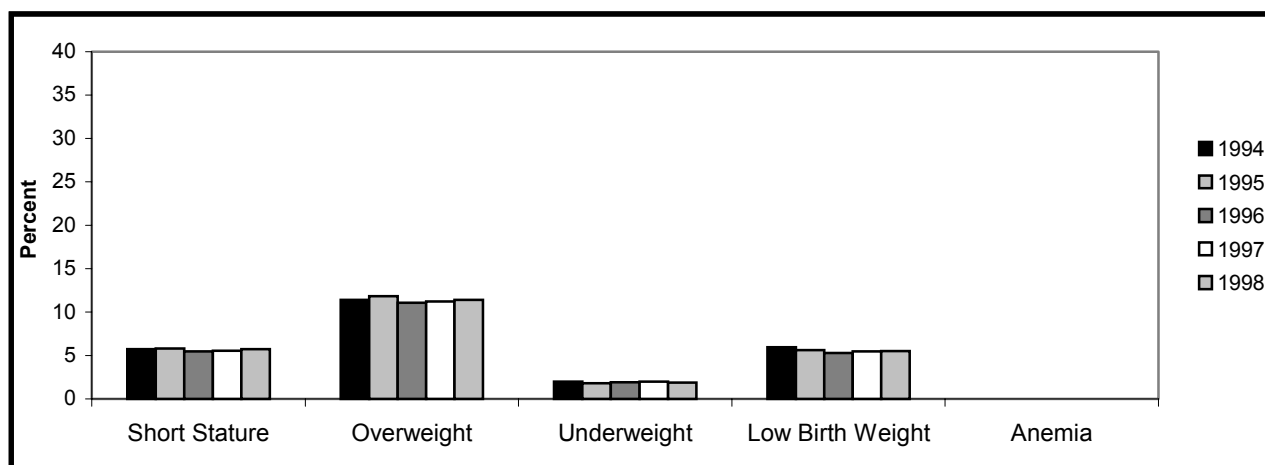


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	13.3	12.7	12.8	13.0	12.7
Overweight	10.8	10.8	11.0	10.7	9.9
Underweight	2.9	2.7	2.6	2.8	2.7
Low Birth Weight	13.5	12.3	12.8	12.2	11.9
Anemia	*	*	*	*	*

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

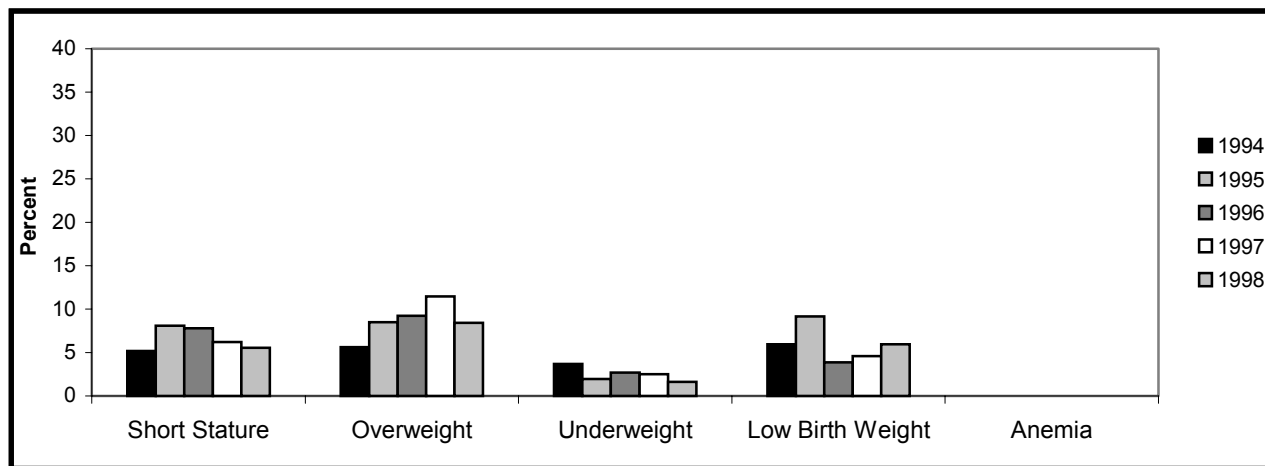
Figure/Table 6.1.3 Female: 0-2 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.7	5.8	5.5	5.6	5.7
Overweight	11.4	11.8	11.1	11.2	11.4
Underweight	2.0	1.8	1.9	2.0	1.9
Low Birth Weight	5.9	5.6	5.3	5.5	5.5
Anemia	*	*	*	*	*

Figure/Table 6.1.4 Female: 0-2 Months, Native American

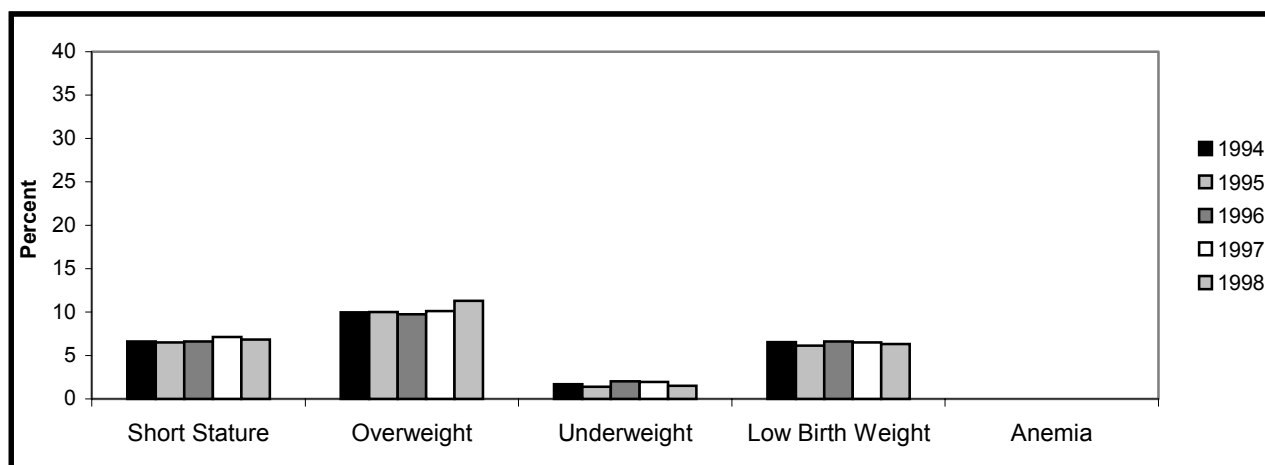


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.2	8.1	7.8	6.2	5.5
Overweight	5.6	8.5	9.2	11.5	8.4
Underweight	3.7	1.9	2.7	2.5	1.6
Low Birth Weight	5.9	9.1	3.9	4.6	5.9
Anemia	*	*	*	*	*

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

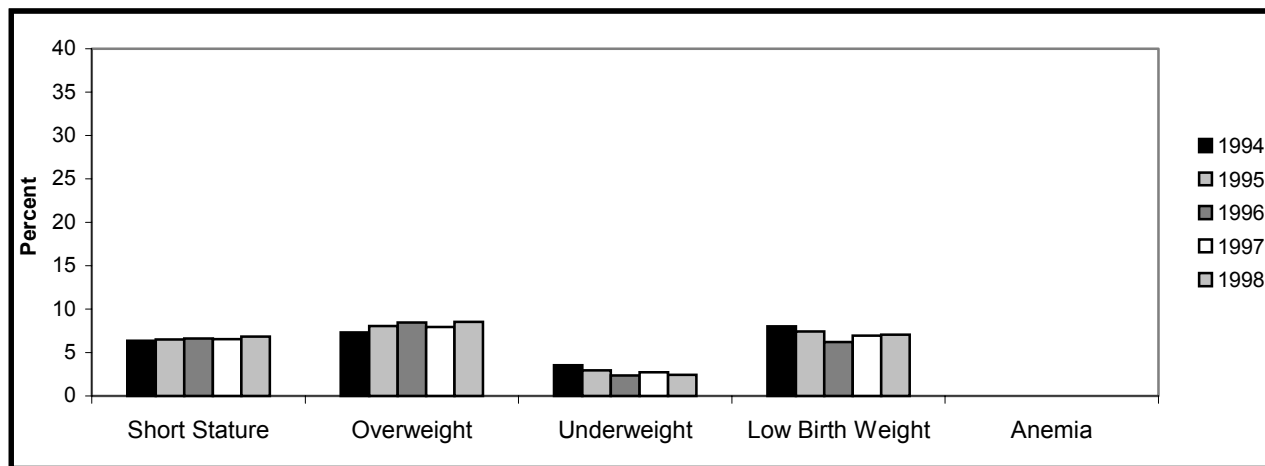
Figure/Table 6.1.5 Female: 0-2 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.6	6.5	6.6	7.1	6.8
Overweight	10.0	10.0	9.7	10.1	11.3
Underweight	1.7	1.4	2.0	2.0	1.5
Low Birth Weight	6.6	6.1	6.6	6.5	6.3
Anemia	*	*	*	*	*

Figure/Table 6.1.6 Female: 0-2 Months, Other

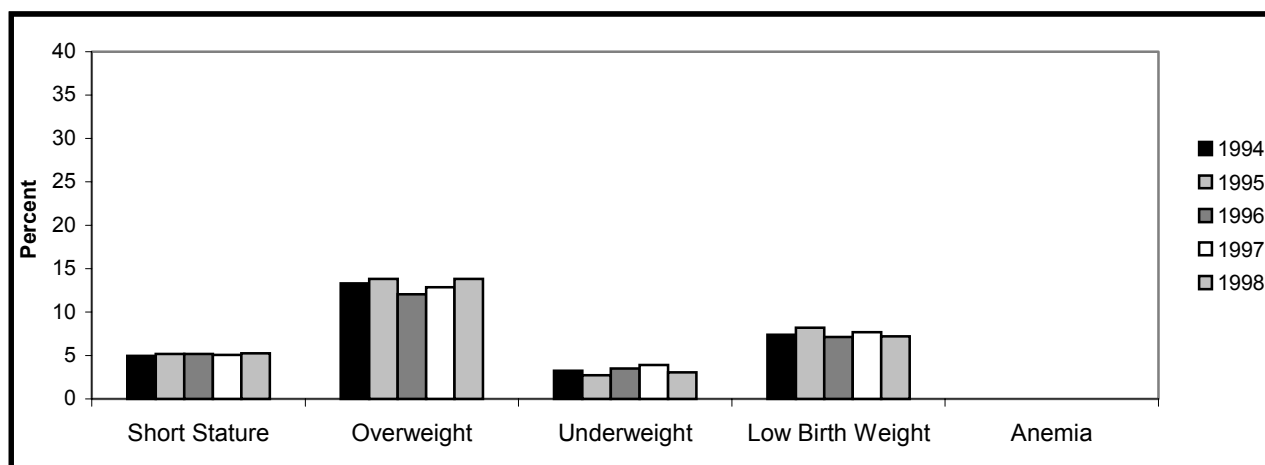


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.3	6.5	6.6	6.5	6.8
Overweight	7.3	8.0	8.4	7.9	8.5
Underweight	3.5	2.9	2.3	2.7	2.4
Low Birth Weight	8.0	7.4	6.2	6.9	7.1
Anemia	*	*	*	*	*

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

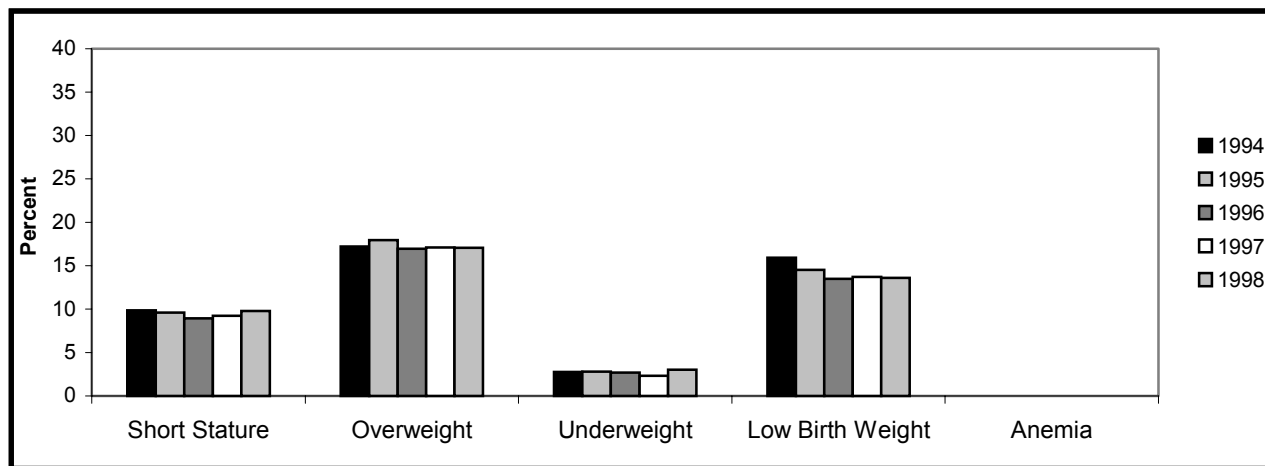
Figure/Table 6.2.1 Female: 3-5 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.0	5.2	5.2	5.1	5.3
Overweight	13.3	13.8	12.1	12.8	13.8
Underweight	3.2	2.7	3.5	3.9	3.0
Low Birth Weight	7.4	8.2	7.1	7.7	7.2
Anemia	*	*	*	*	*

Figure/Table 6.2.2 Female: 3-5 Months, Black

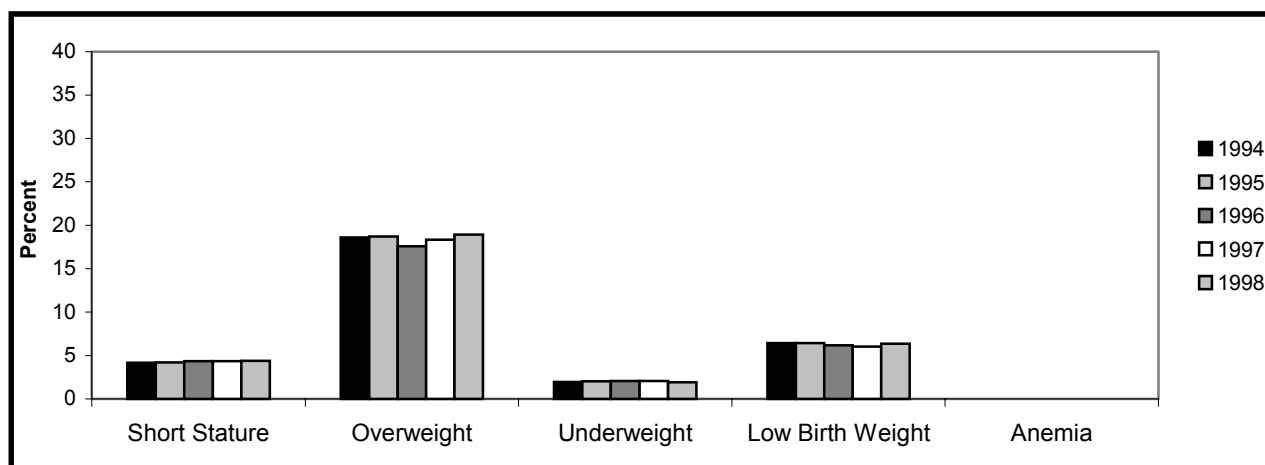


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.8	9.6	8.9	9.2	9.8
Overweight	17.2	17.9	16.9	17.1	17.1
Underweight	2.8	2.8	2.7	2.3	3.0
Low Birth Weight	15.9	14.5	13.5	13.7	13.6
Anemia	*	*	*	*	*

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

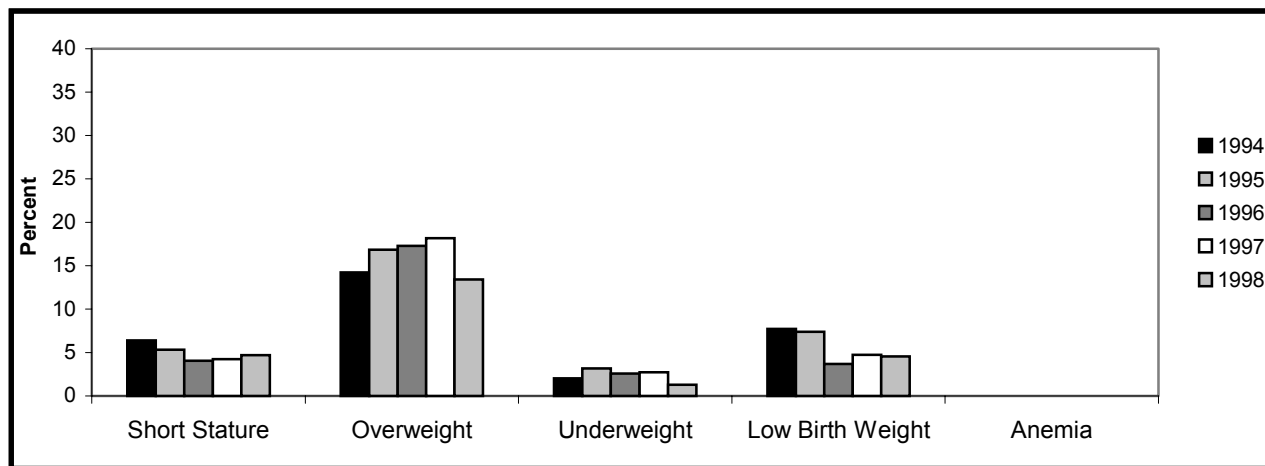
Figure/Table 6.2.3 Female: 3-5 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.2	4.2	4.3	4.3	4.4
Overweight	18.6	18.7	17.6	18.4	18.9
Underweight	1.9	2.0	2.1	2.0	1.9
Low Birth Weight	6.5	6.4	6.2	6.0	6.4
Anemia	*	*	*	*	*

Figure/Table 6.2.4 Female: 3-5 Months, Native American

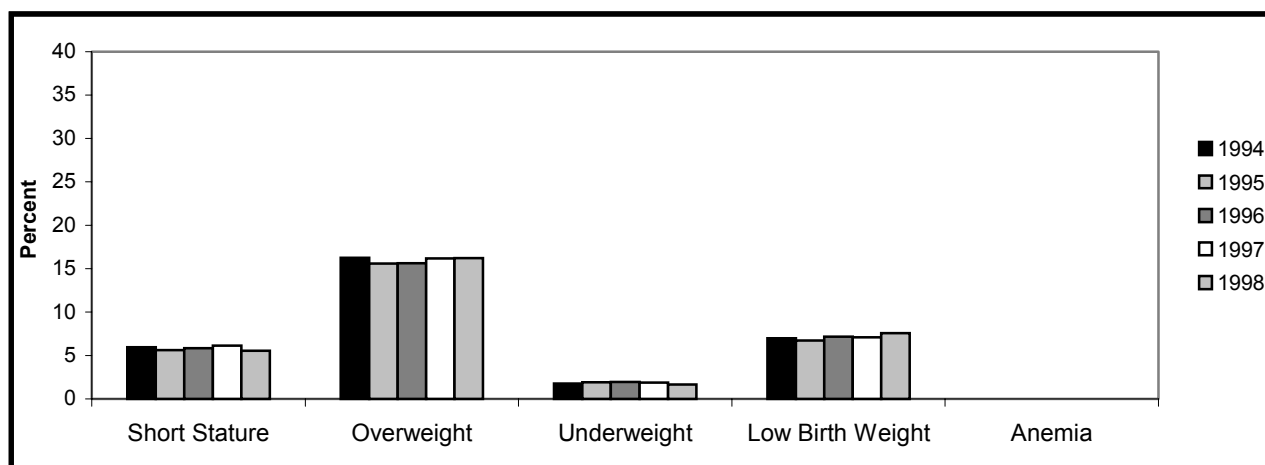


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.4	5.3	4.0	4.2	4.7
Overweight	14.2	16.8	17.3	18.1	13.4
Underweight	2.0	3.2	2.6	2.7	1.3
Low Birth Weight	7.7	7.4	3.7	4.7	4.5
Anemia	*	*	*	*	*

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

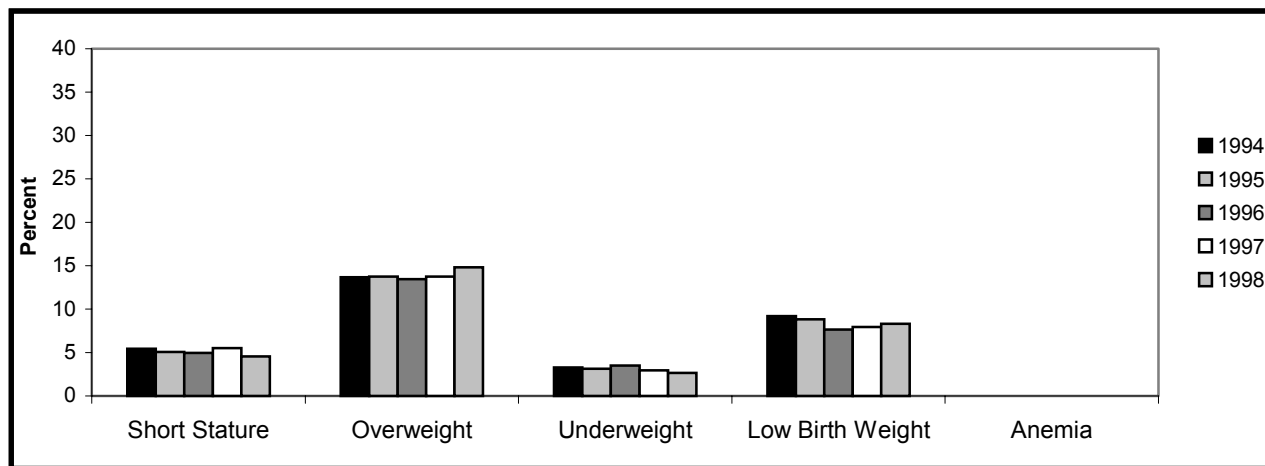
Figure/Table 6.2.5 Female: 3-5 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.9	5.6	5.8	6.2	5.6
Overweight	16.2	15.6	15.6	16.2	16.2
Underweight	1.7	1.9	1.9	1.9	1.7
Low Birth Weight	7.0	6.7	7.2	7.1	7.6
Anemia	*	*	*	*	*

Figure/Table 6.2.6 Female: 3-5 Months, Other

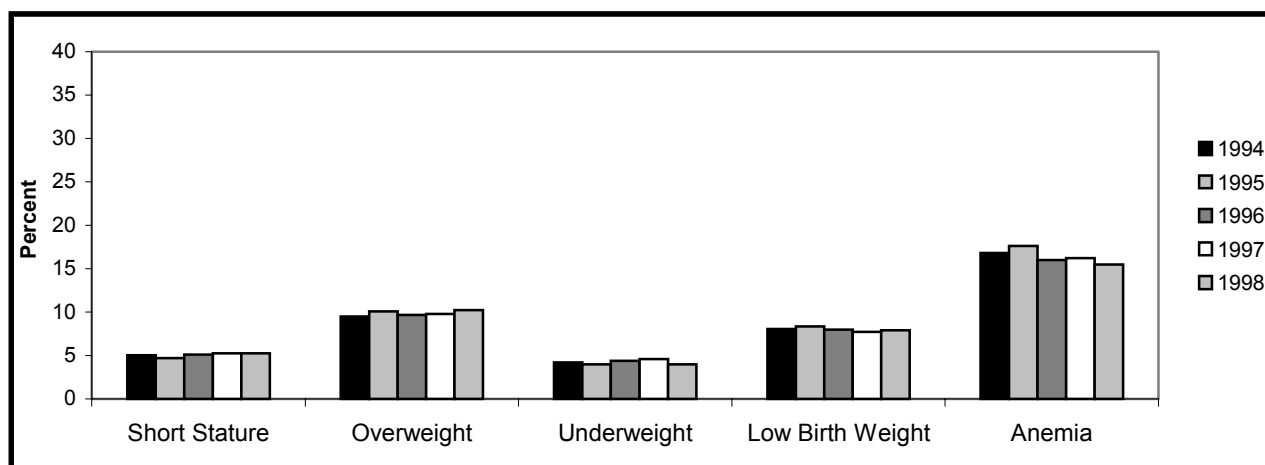


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.5	5.1	5.0	5.5	4.6
Overweight	13.7	13.8	13.5	13.7	14.8
Underweight	3.3	3.1	3.5	2.9	2.7
Low Birth Weight	9.2	8.8	7.6	8.0	8.3
Anemia	*	*	*	*	*

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

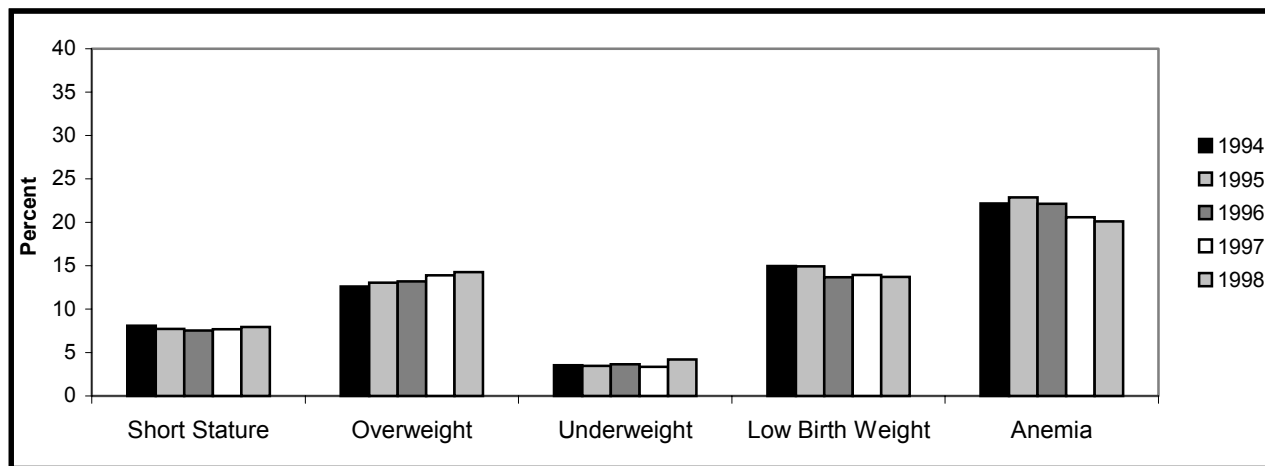
Figure/Table 6.3.1 Female: 6-11 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.0	4.7	5.1	5.3	5.3
Overweight	9.5	10.1	9.7	9.8	10.2
Underweight	4.2	4.0	4.4	4.6	4.0
Low Birth Weight	8.0	8.4	8.0	7.7	7.9
Anemia	16.8	17.6	16.0	16.2	15.5

Figure/Table 6.3.2 Female: 6-11 Months, Black

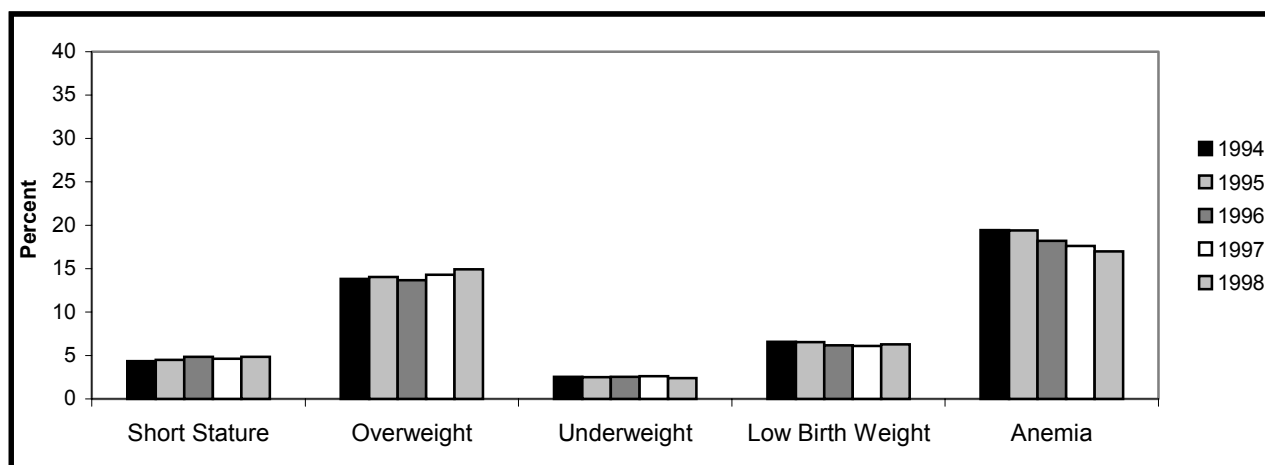


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	8.1	7.7	7.6	7.7	7.9
Overweight	12.6	13.1	13.2	13.9	14.3
Underweight	3.5	3.4	3.6	3.4	4.2
Low Birth Weight	15.0	14.9	13.7	13.9	13.7
Anemia	22.2	22.9	22.1	20.6	20.1

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

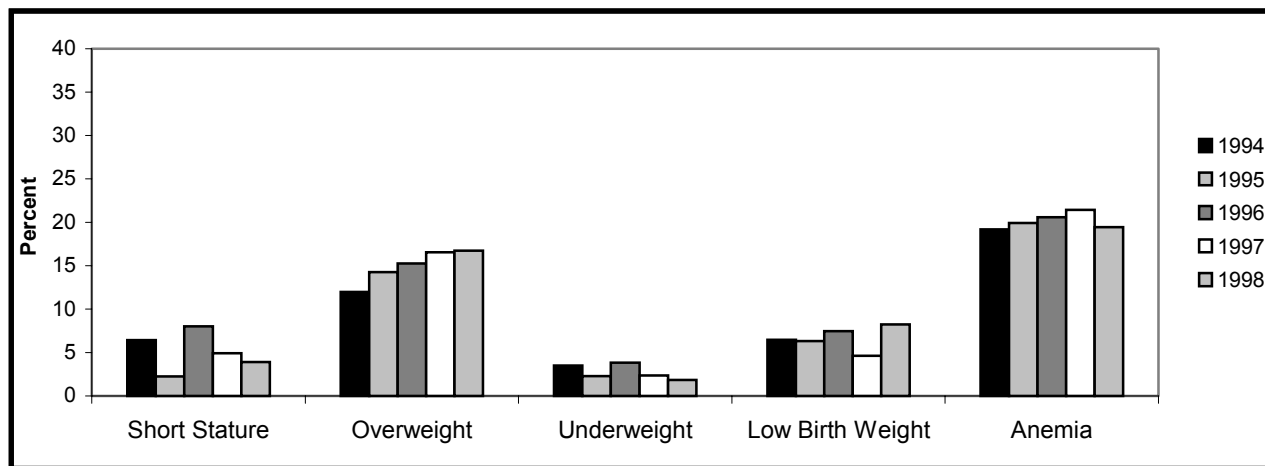
Figure/Table 6.3.3 Female: 6-11 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.4	4.5	4.8	4.6	4.8
Overweight	13.8	14.0	13.7	14.3	14.9
Underweight	2.5	2.5	2.5	2.6	2.4
Low Birth Weight	6.6	6.5	6.2	6.1	6.3
Anemia	19.4	19.4	18.2	17.6	17.0

Figure/Table 6.3.4 Female: 6-11 Months, Native American

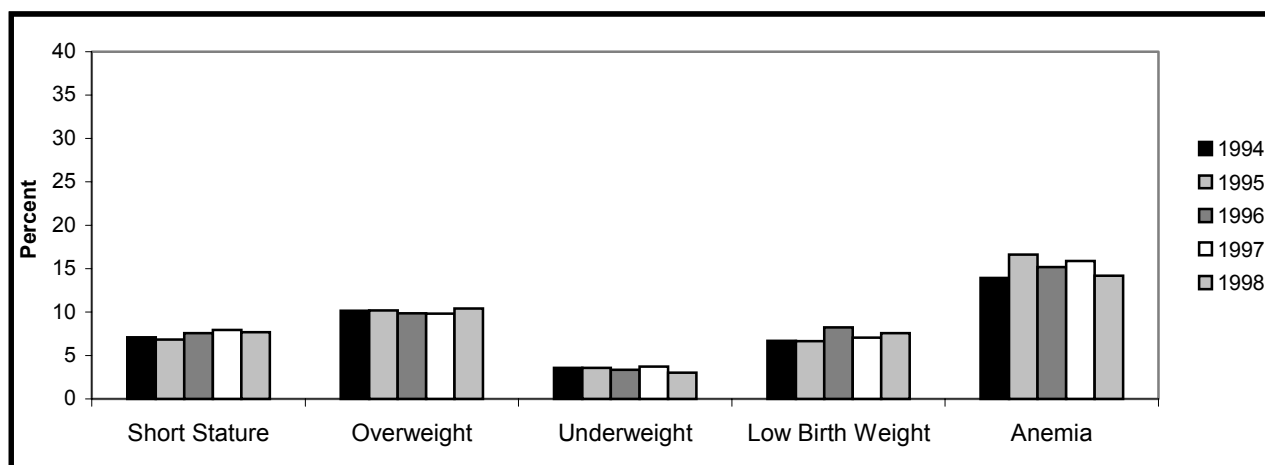


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.4	2.2	8.0	4.9	3.9
Overweight	12.0	14.3	15.2	16.5	16.7
Underweight	3.5	2.3	3.8	2.4	1.8
Low Birth Weight	6.5	6.3	7.5	4.6	8.2
Anemia	19.2	19.9	20.6	21.4	19.4

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

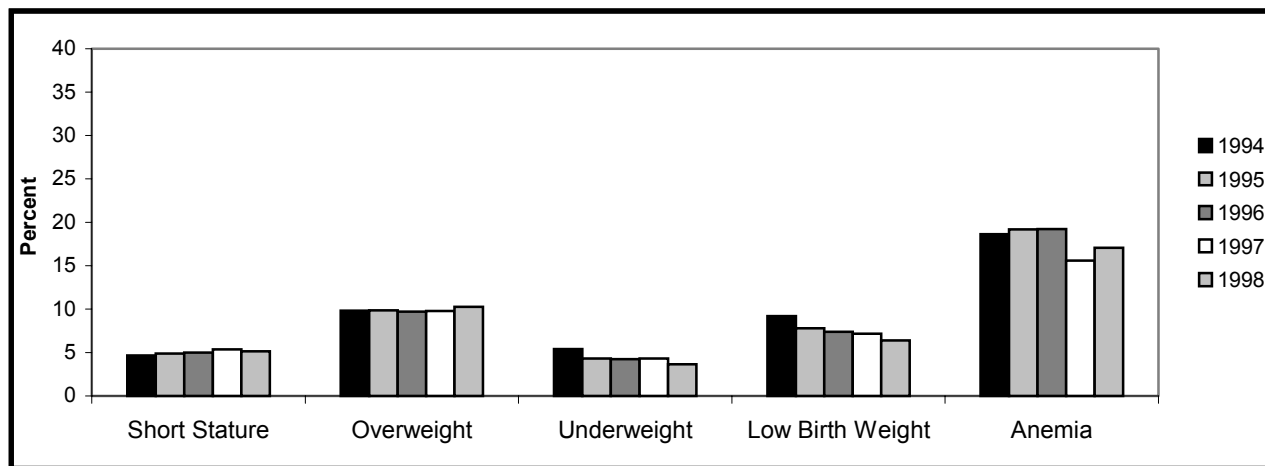
Figure/Table 6.3.5 Female: 6-11 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.1	6.8	7.6	7.9	7.7
Overweight	10.1	10.2	9.8	9.8	10.4
Underweight	3.6	3.6	3.4	3.7	3.0
Low Birth Weight	6.7	6.7	8.2	7.0	7.6
Anemia	13.9	16.6	15.2	15.9	14.2

Figure/Table 6.3.6 Female: 6-11 Months, Other

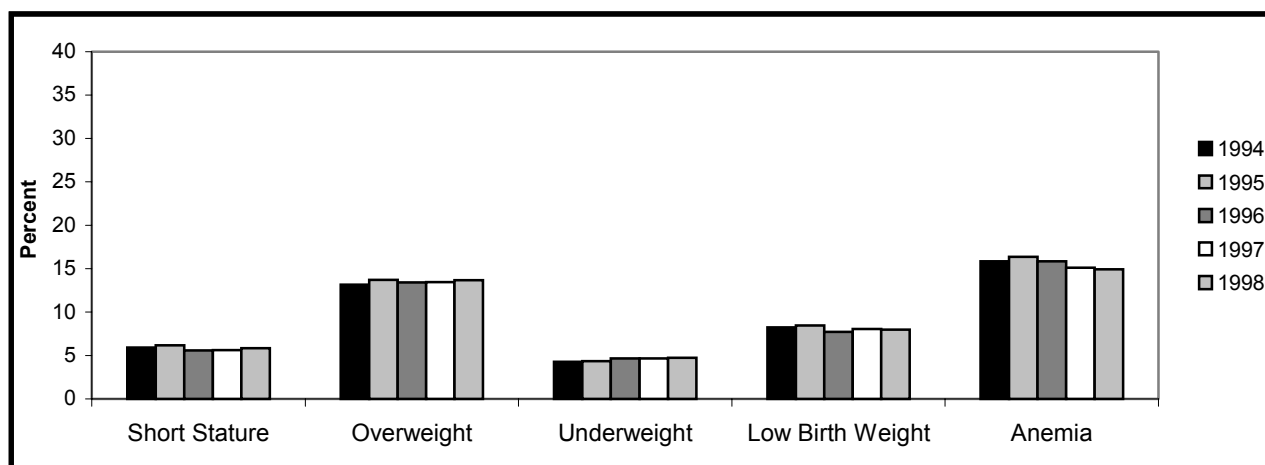


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.7	4.9	5.0	5.4	5.2
Overweight	9.8	9.8	9.7	9.8	10.2
Underweight	5.4	4.3	4.2	4.3	3.6
Low Birth Weight	9.2	7.8	7.4	7.2	6.4
Anemia	18.6	19.2	19.2	15.6	17.1

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

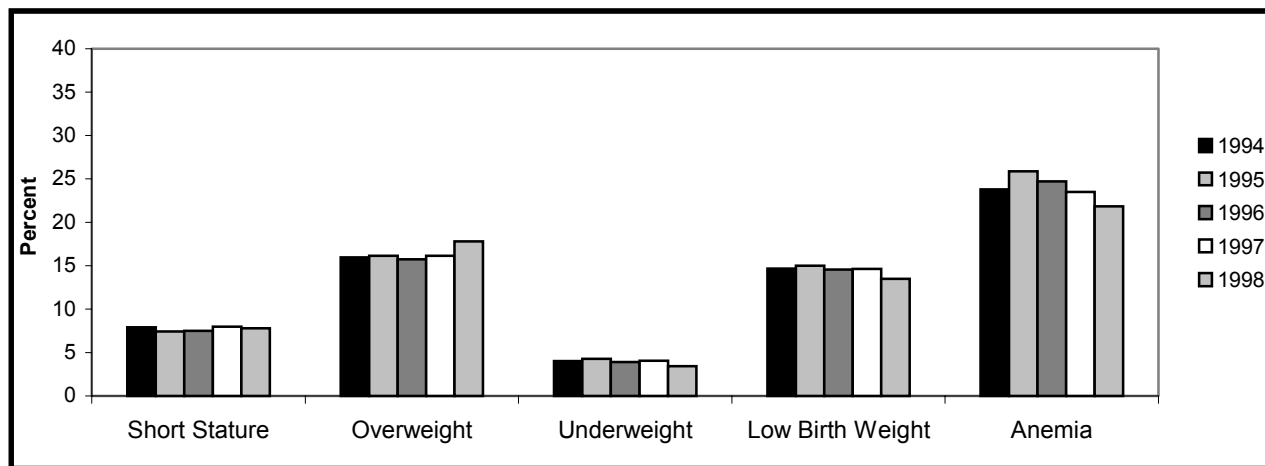
Figure/Table 6.4.1 Female: 12-23 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.9	6.2	5.6	5.6	5.9
Overweight	13.2	13.7	13.4	13.5	13.7
Underweight	4.3	4.3	4.7	4.7	4.7
Low Birth Weight	8.2	8.5	7.7	8.1	8.0
Anemia	15.8	16.4	15.8	15.1	14.9

Figure/Table 6.4.2 Female: 12-23 Months, Black

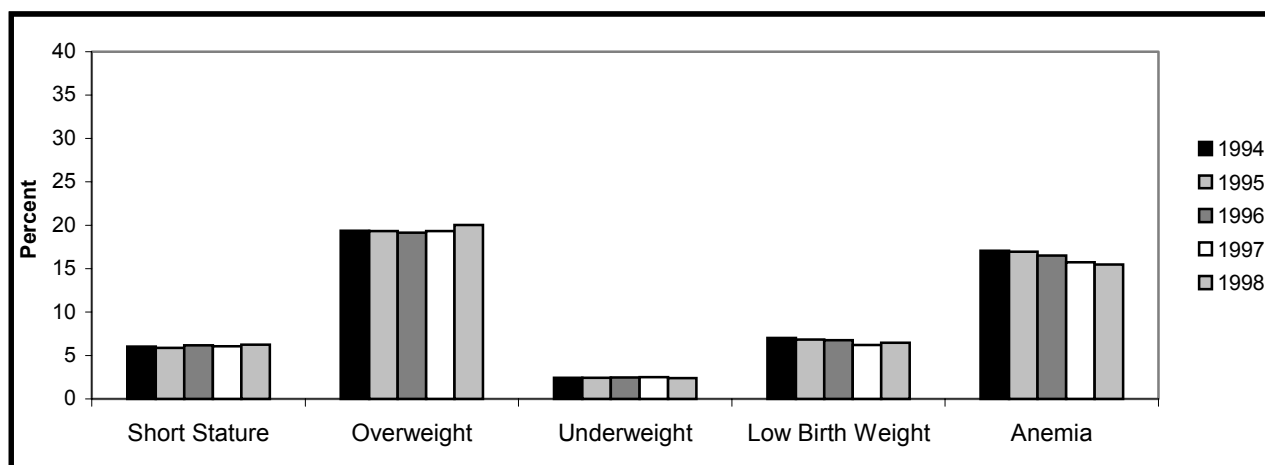


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.9	7.4	7.5	8.0	7.8
Overweight	16.0	16.1	15.7	16.1	17.8
Underweight	4.0	4.3	3.9	4.0	3.4
Low Birth Weight	14.7	15.0	14.6	14.6	13.5
Anemia	23.8	25.9	24.7	23.5	21.8

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

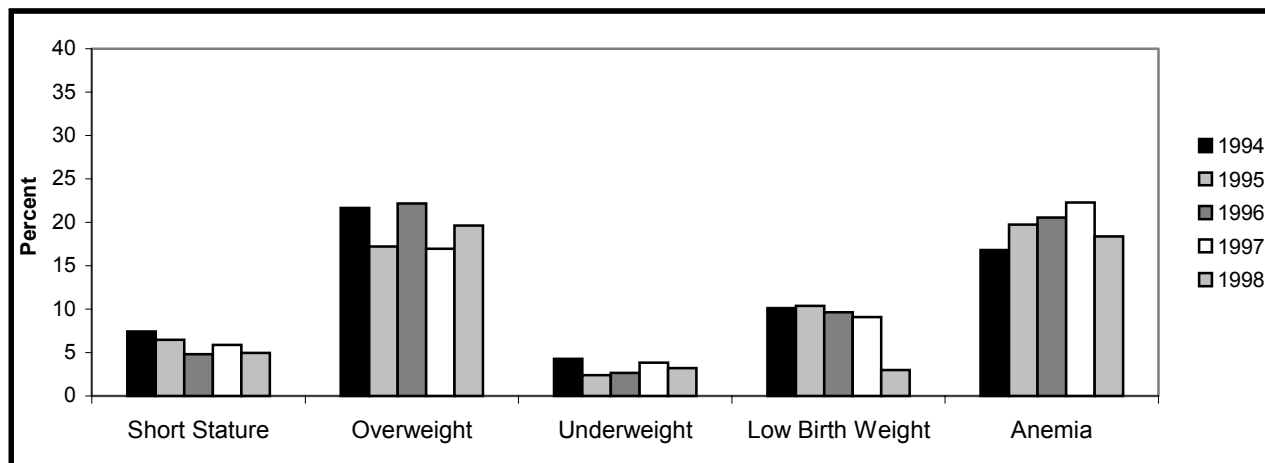
Figure/Table 6.4.3 Female: 12-23 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.0	5.9	6.2	6.1	6.2
Overweight	19.4	19.3	19.1	19.3	20.0
Underweight	2.4	2.4	2.5	2.5	2.4
Low Birth Weight	7.0	6.8	6.8	6.2	6.5
Anemia	17.1	16.9	16.5	15.7	15.5

Figure/Table 6.4.4 Female: 12-23 Months, Native American

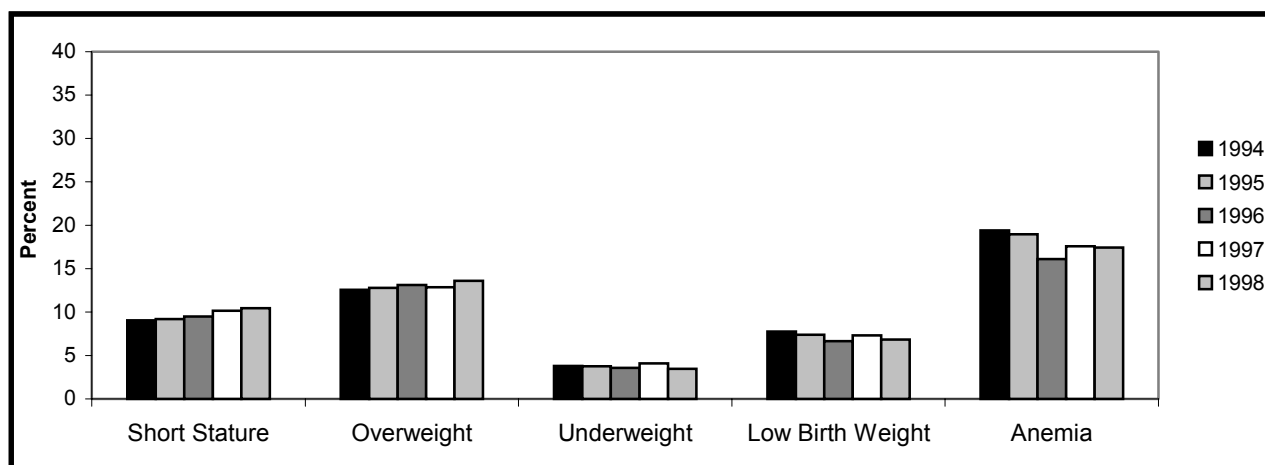


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.4	6.5	4.8	5.9	5.0
Overweight	21.7	17.2	22.2	16.9	19.6
Underweight	4.3	2.4	2.6	3.8	3.2
Low Birth Weight	10.1	10.4	9.6	9.1	3.0
Anemia	16.8	19.7	20.6	22.3	18.4

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

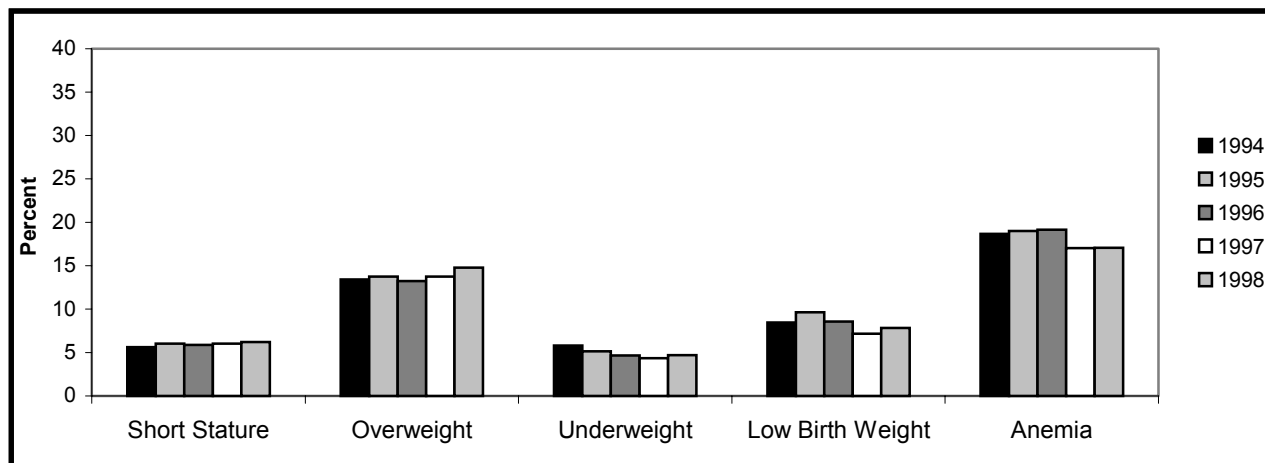
Figure/Table 6.4.5 Female: 12-23 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.0	9.2	9.5	10.1	10.4
Overweight	12.6	12.8	13.1	12.8	13.6
Underweight	3.8	3.7	3.5	4.1	3.5
Low Birth Weight	7.8	7.4	6.7	7.3	6.8
Anemia	19.4	19.0	16.1	17.6	17.4

Figure/Table 6.4.6 Female: 12-23 Months, Other

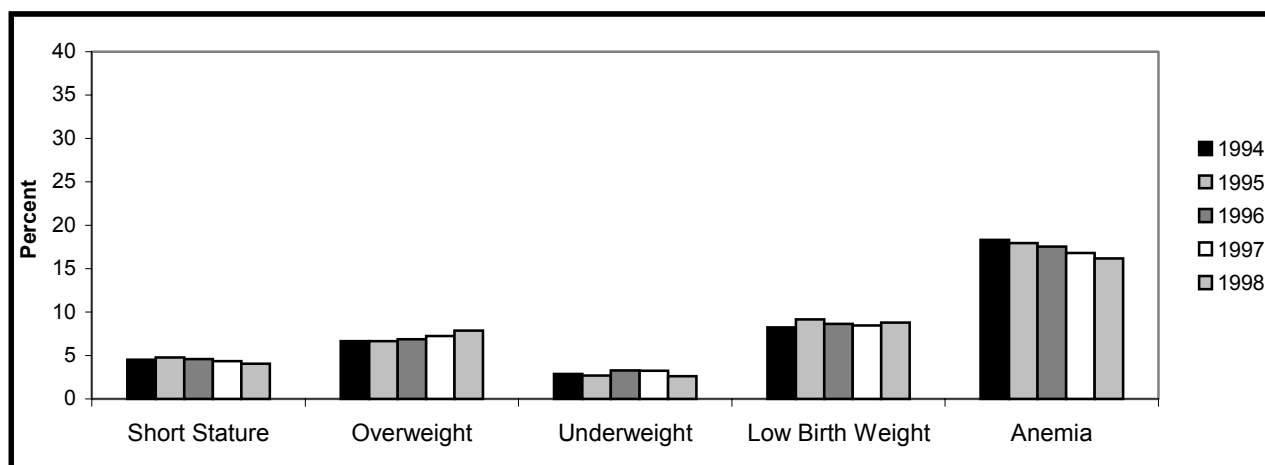


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.6	6.0	5.9	6.0	6.2
Overweight	13.4	13.7	13.2	13.8	14.8
Underweight	5.8	5.1	4.7	4.3	4.7
Low Birth Weight	8.5	9.6	8.6	7.2	7.8
Anemia	18.7	19.0	19.2	17.0	17.0

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

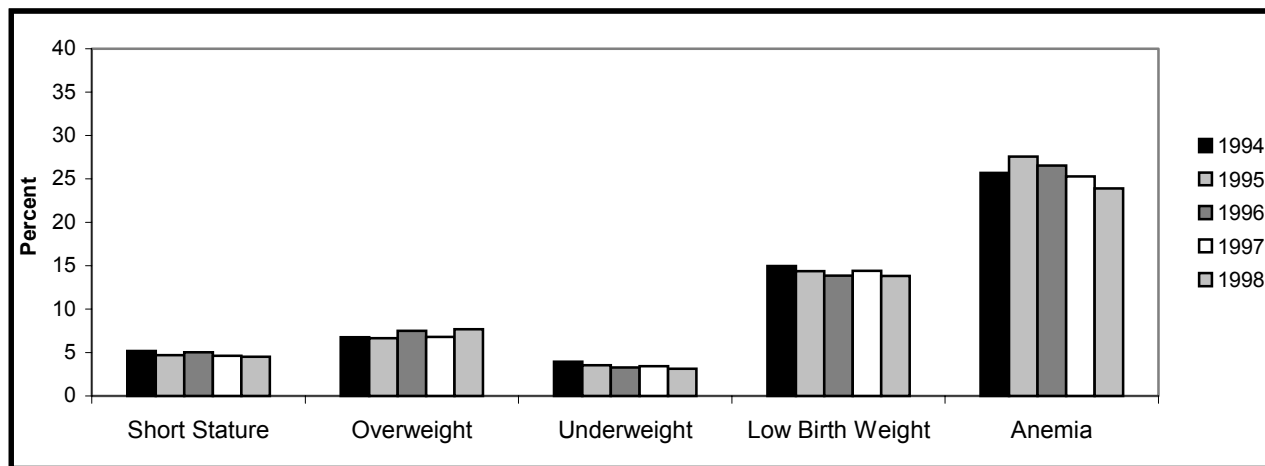
Figure/Table 6.5.1 Female: 24-35 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.5	4.8	4.6	4.3	4.1
Overweight	6.7	6.7	6.9	7.3	7.9
Underweight	2.9	2.7	3.3	3.2	2.6
Low Birth Weight	8.3	9.1	8.6	8.4	8.8
Anemia	18.3	17.9	17.6	16.8	16.2

Figure/Table 6.5.2 Female: 24-35 Months, Black

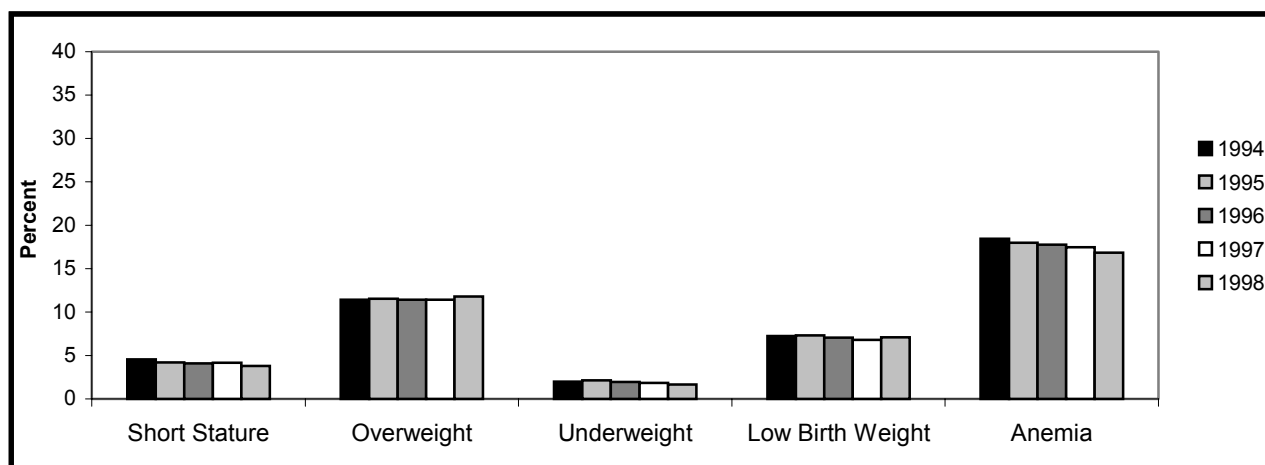


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.2	4.7	5.0	4.6	4.5
Overweight	6.8	6.7	7.5	6.8	7.7
Underweight	3.9	3.5	3.3	3.4	3.1
Low Birth Weight	15.0	14.4	13.9	14.4	13.8
Anemia	25.7	27.6	26.5	25.3	23.9

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

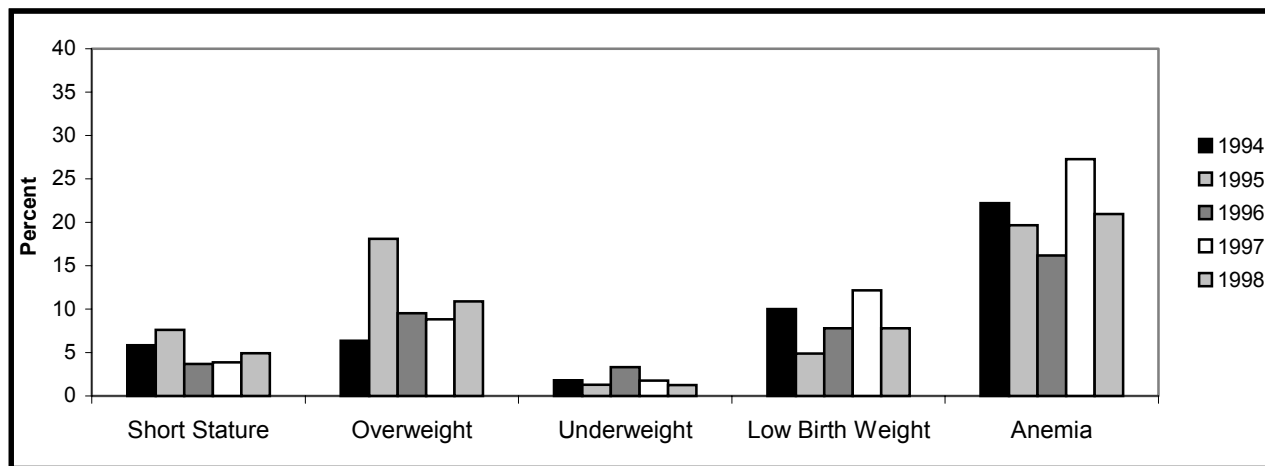
Figure/Table 6.5.3 Female: 24-35 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.6	4.2	4.1	4.2	3.8
Overweight	11.4	11.5	11.4	11.4	11.8
Underweight	2.0	2.1	2.0	1.8	1.6
Low Birth Weight	7.2	7.3	7.1	6.8	7.1
Anemia	18.5	18.0	17.7	17.5	16.8

Figure/Table 6.5.4 Female: 24-35 Months, Native American

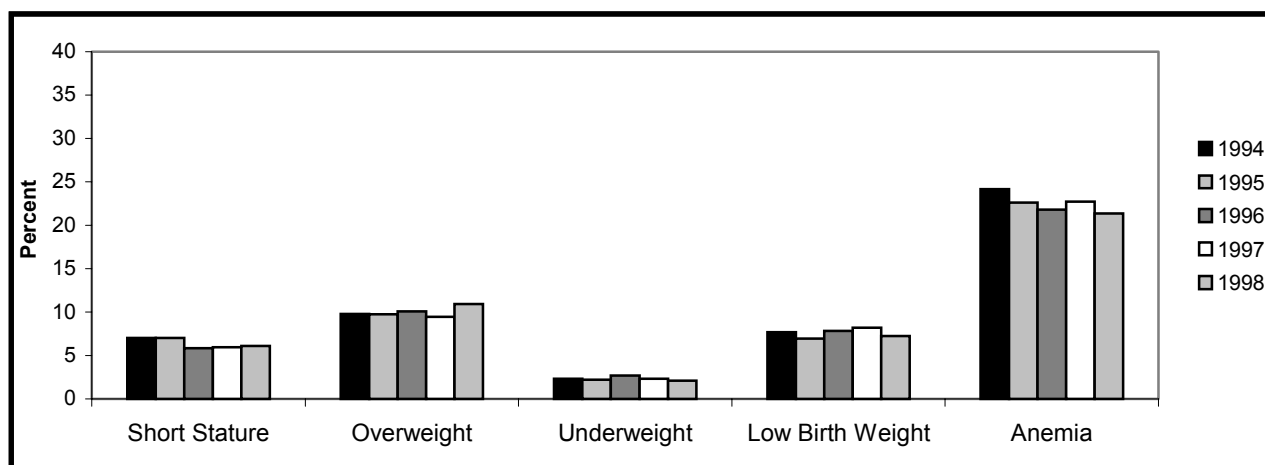


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.8	7.6	3.7	3.8	4.9
Overweight	6.4	18.1	9.5	8.8	10.9
Underweight	1.8	1.3	3.3	1.8	1.3
Low Birth Weight	10.0	4.9	7.8	12.2	7.8
Anemia	22.2	19.7	16.2	27.3	21.0

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

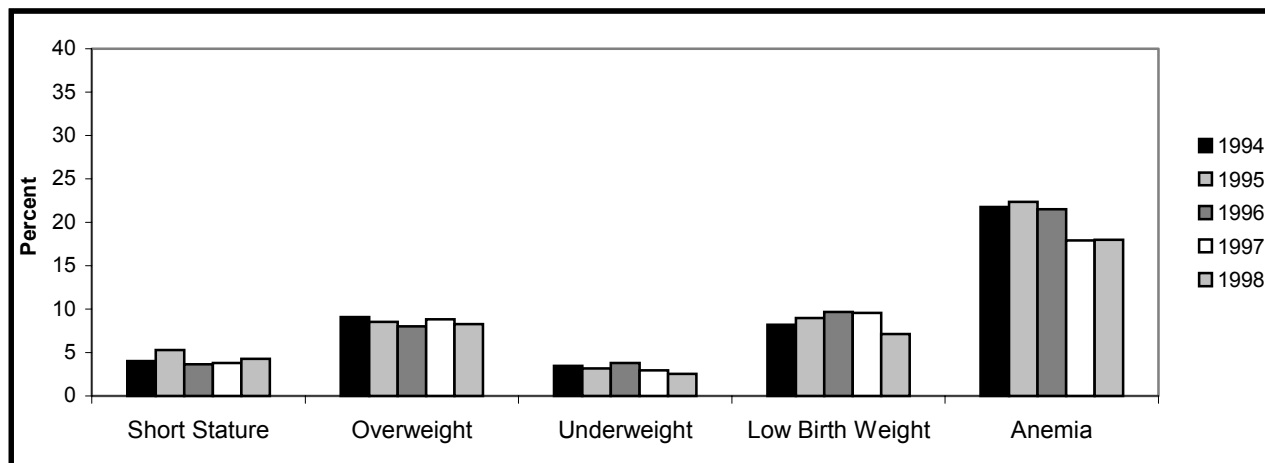
Figure/Table 6.5.5 Female: 24-35 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.0	7.0	5.8	6.0	6.1
Overweight	9.8	9.7	10.1	9.4	10.9
Underweight	2.3	2.2	2.7	2.3	2.1
Low Birth Weight	7.7	6.9	7.8	8.2	7.3
Anemia	24.2	22.6	21.8	22.7	21.4

Figure/Table 6.5.6 Female: 24-35 Months, Other

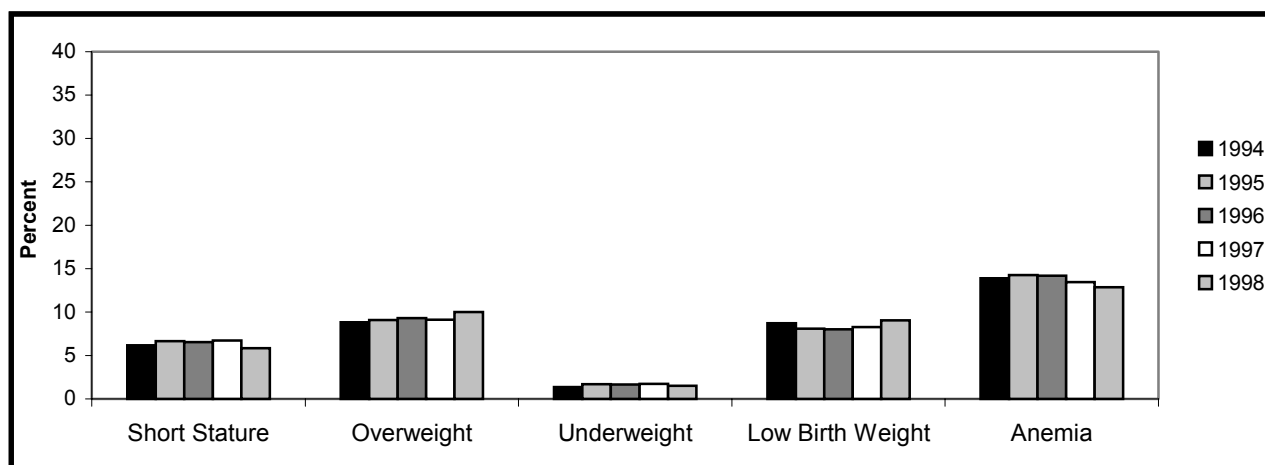


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.0	5.3	3.7	3.8	4.3
Overweight	9.1	8.5	8.0	8.8	8.3
Underweight	3.5	3.2	3.8	2.9	2.5
Low Birth Weight	8.2	9.0	9.7	9.6	7.1
Anemia	21.8	22.4	21.5	17.9	18.0

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

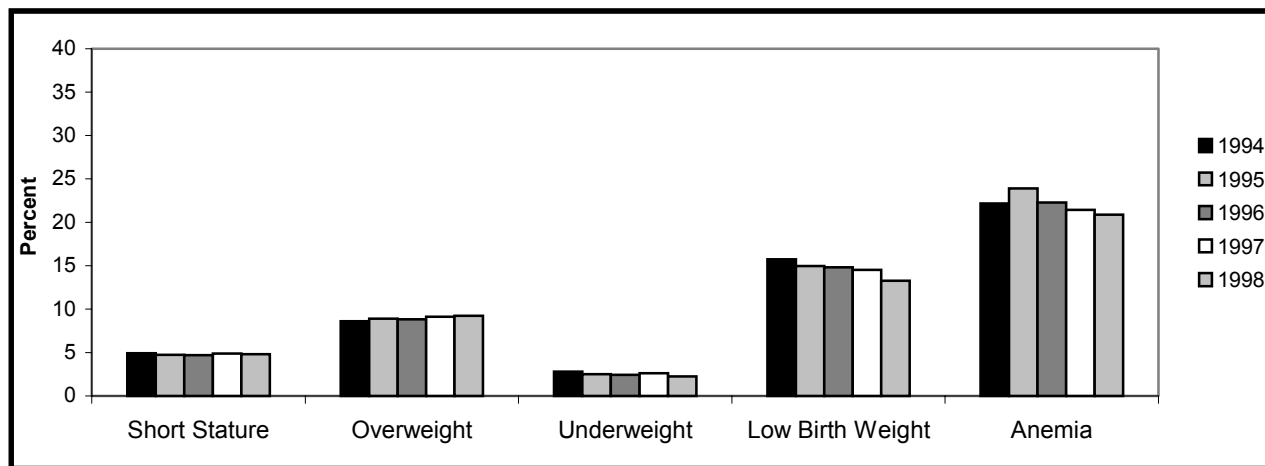
Figure/Table 6.6.1 Female: 36-59 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.2	6.6	6.5	6.7	5.8
Overweight	8.8	9.1	9.3	9.1	10.0
Underweight	1.4	1.7	1.6	1.7	1.5
Low Birth Weight	8.7	8.1	8.0	8.3	9.1
Anemia	13.9	14.3	14.2	13.5	12.9

Figure/Table 6.6.2 Female: 36-59 Months, Black

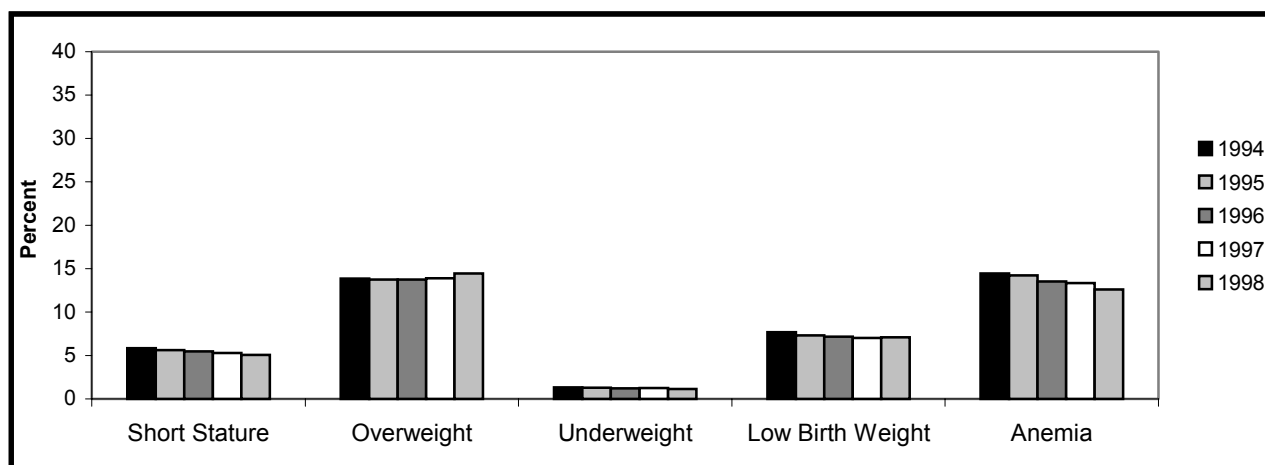


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.9	4.7	4.7	4.9	4.8
Overweight	8.6	8.9	8.8	9.1	9.2
Underweight	2.8	2.5	2.4	2.6	2.3
Low Birth Weight	15.7	15.0	14.8	14.5	13.3
Anemia	22.2	23.9	22.3	21.5	20.9

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

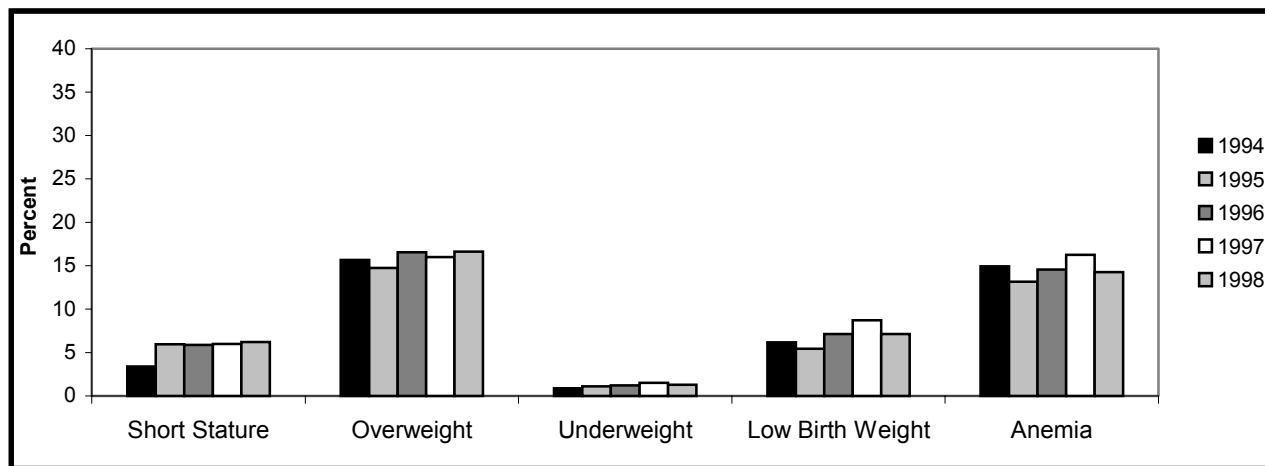
Figure/Table 6.6.3 Female: 36-59 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.8	5.6	5.5	5.3	5.1
Overweight	13.9	13.8	13.7	13.9	14.5
Underweight	1.3	1.3	1.2	1.2	1.1
Low Birth Weight	7.7	7.3	7.2	7.0	7.1
Anemia	14.4	14.2	13.5	13.4	12.6

Figure/Table 6.6.4 Female: 36-59 Months, Native American

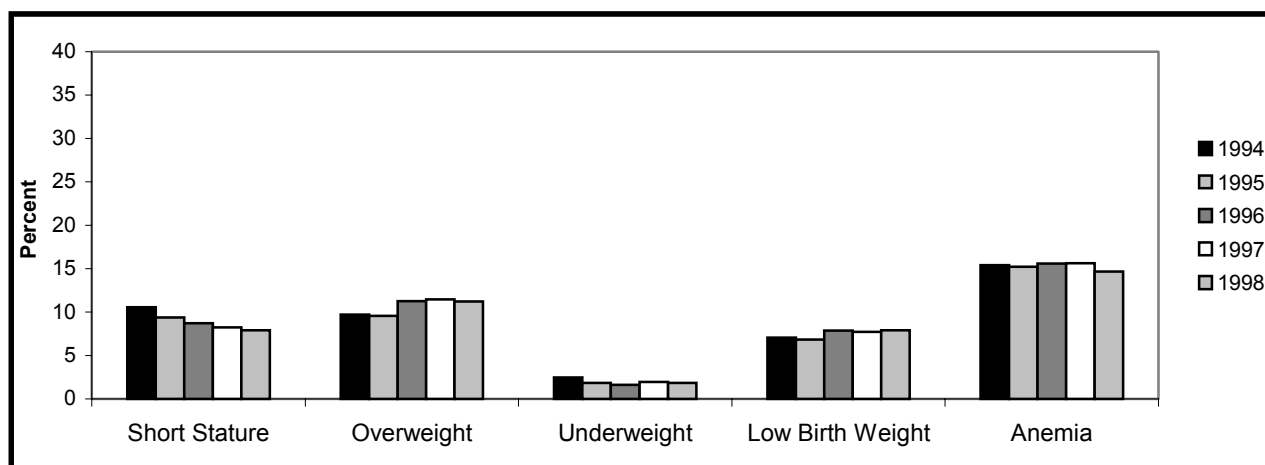


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	3.4	6.0	5.9	6.0	6.2
Overweight	15.7	14.8	16.5	16.0	16.6
Underweight	0.9	1.1	1.2	1.5	1.3
Low Birth Weight	6.2	5.4	7.1	8.7	7.1
Anemia	14.9	13.2	14.5	16.2	14.3

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

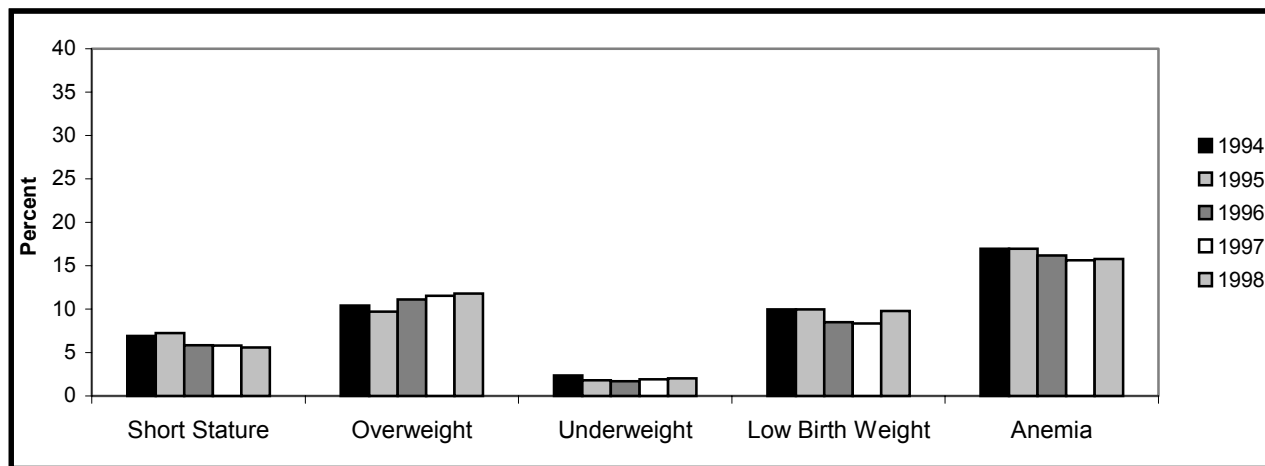
Figure/Table 6.6.5 Female: 36-59 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	10.5	9.4	8.7	8.2	7.9
Overweight	9.7	9.6	11.3	11.5	11.2
Underweight	2.5	1.9	1.6	1.9	1.8
Low Birth Weight	7.0	6.8	7.9	7.7	7.9
Anemia	15.4	15.2	15.6	15.6	14.7

Figure/Table 6.6.6 Female: 36-59 Months, Other

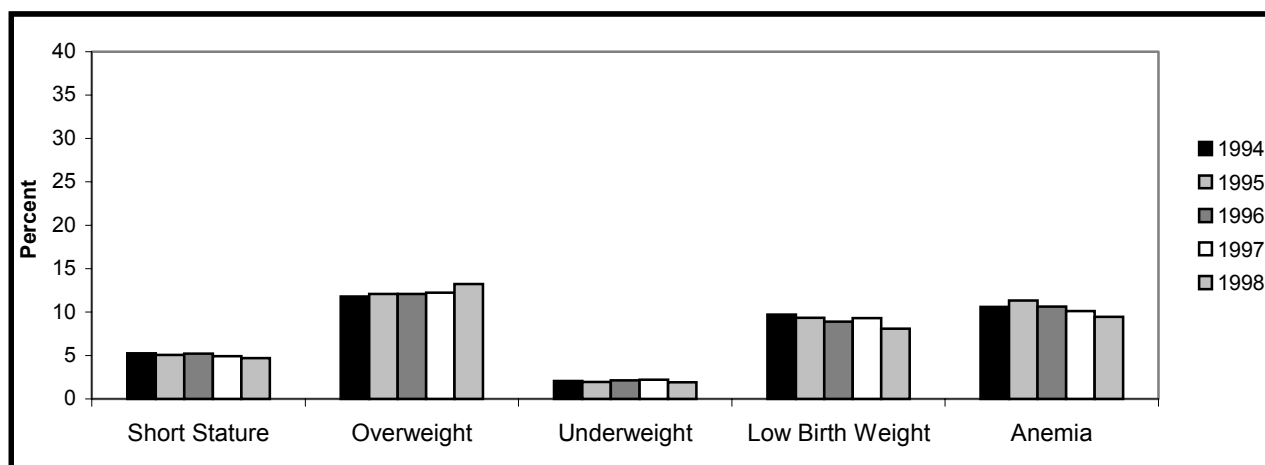


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.9	7.2	5.9	5.8	5.6
Overweight	10.4	9.7	11.1	11.5	11.8
Underweight	2.4	1.8	1.7	1.9	2.0
Low Birth Weight	10.0	10.0	8.5	8.3	9.8
Anemia	16.9	16.9	16.2	15.6	15.8

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

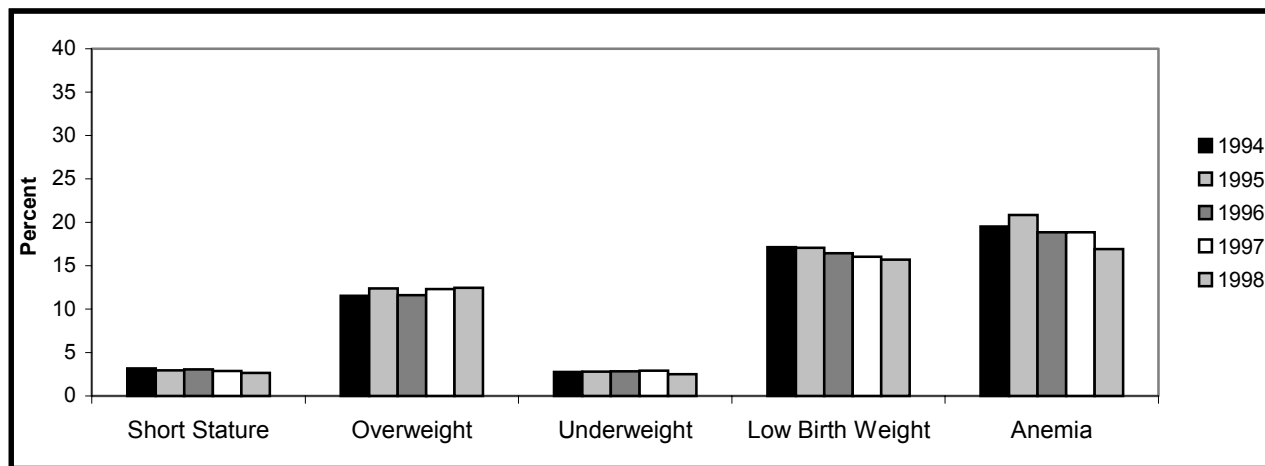
Figure/Table 6.7.1 Female: 5-9 Years, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.2	5.1	5.2	4.9	4.7
Overweight	11.8	12.1	12.1	12.3	13.2
Underweight	2.1	2.0	2.1	2.2	1.9
Low Birth Weight	9.7	9.3	8.9	9.3	8.1
Anemia	10.6	11.3	10.6	10.1	9.5

Figure/Table 6.7.2 Female: 5-9 Years, Black

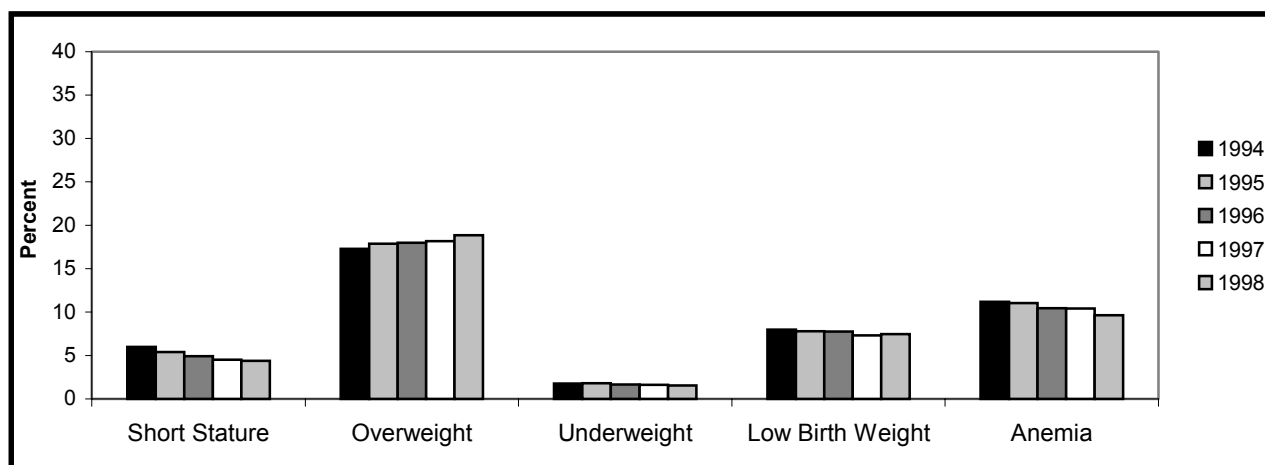


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	3.2	3.0	3.0	2.9	2.7
Overweight	11.5	12.4	11.6	12.3	12.5
Underweight	2.8	2.8	2.8	2.9	2.5
Low Birth Weight	17.1	17.1	16.4	16.0	15.7
Anemia	19.5	20.8	18.8	18.9	16.9

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

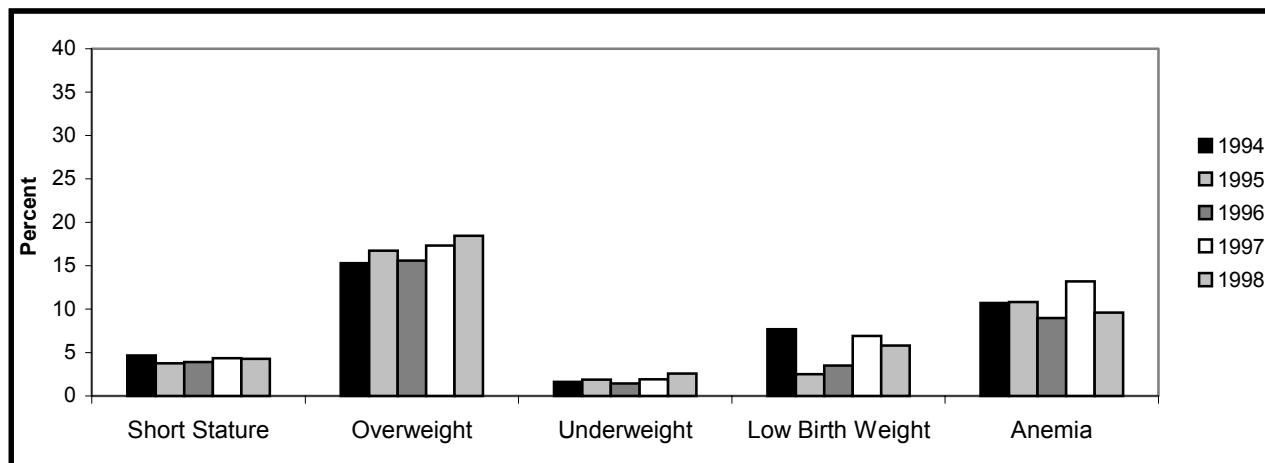
Figure/Table 6.7.3 Female: 5-9 Years, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.0	5.4	4.9	4.5	4.4
Overweight	17.3	17.9	18.0	18.1	18.8
Underweight	1.8	1.8	1.7	1.6	1.5
Low Birth Weight	8.0	7.8	7.7	7.3	7.4
Anemia	11.2	11.0	10.4	10.4	9.6

Figure/Table 6.7.4 Female: 5-9 Years, Native American

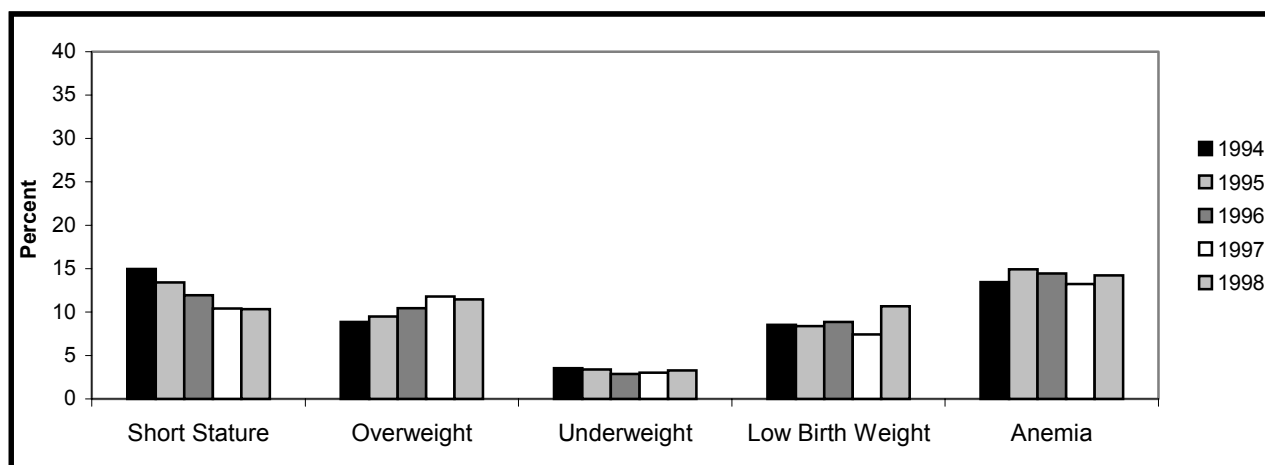


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.7	3.8	3.9	4.3	4.3
Overweight	15.3	16.7	15.6	17.3	18.5
Underweight	1.6	1.9	1.4	1.9	2.6
Low Birth Weight	7.7	2.5	3.5	6.9	5.8
Anemia	10.7	10.8	9.0	13.2	9.6

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

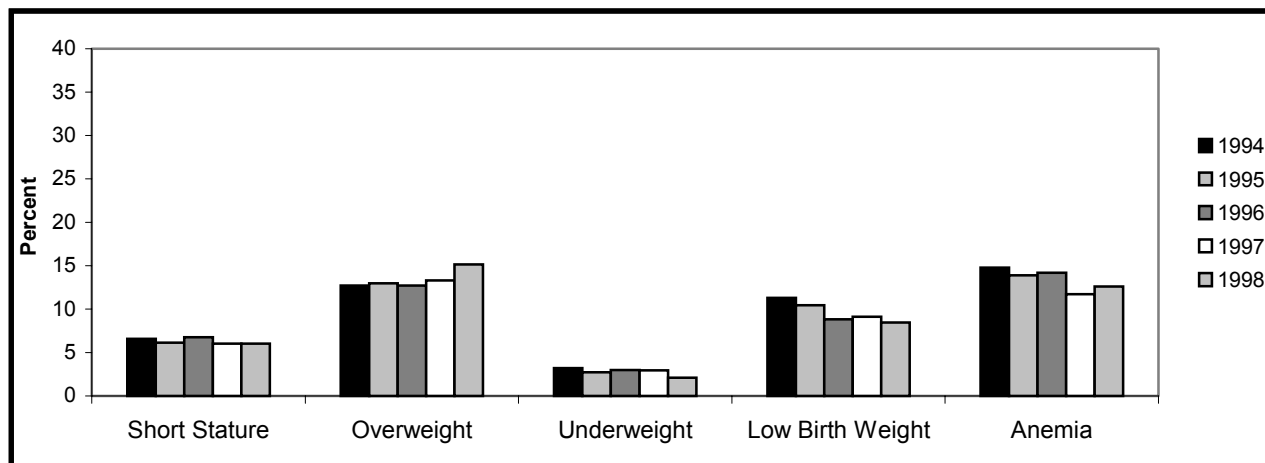
Figure/Table 6.7.5 Female: 5-9 Years, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	15.0	13.4	12.0	10.4	10.3
Overweight	8.9	9.5	10.4	11.8	11.5
Underweight	3.5	3.4	2.9	3.0	3.3
Low Birth Weight	8.5	8.4	8.9	7.4	10.7
Anemia	13.4	14.9	14.5	13.3	14.2

Figure/Table 6.7.6 Female: 5-9 Years, Other

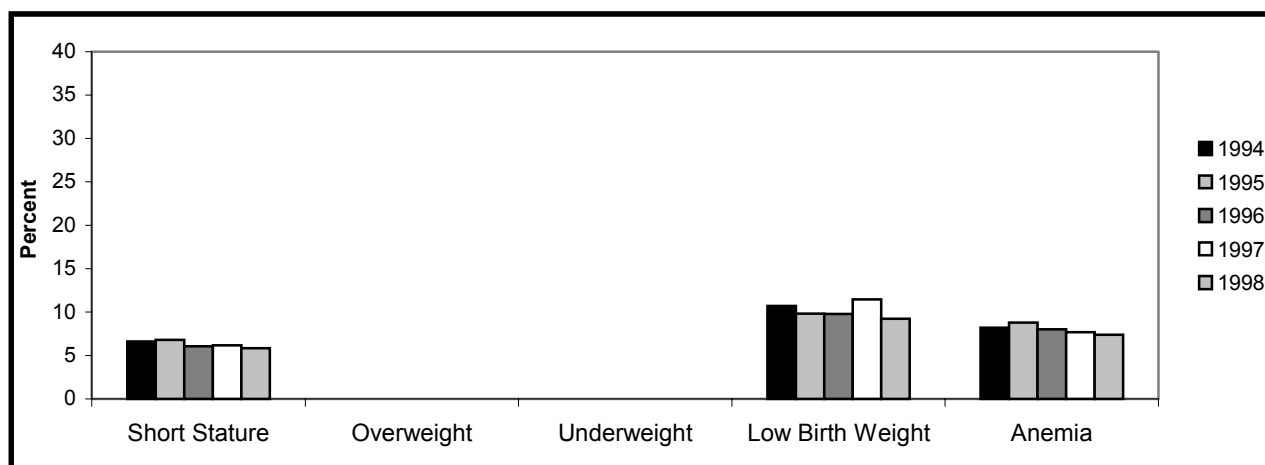


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.6	6.1	6.8	6.0	6.0
Overweight	12.7	13.0	12.7	13.3	15.2
Underweight	3.2	2.7	3.0	2.9	2.1
Low Birth Weight	11.3	10.4	8.8	9.1	8.5
Anemia	14.8	13.9	14.2	11.7	12.6

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

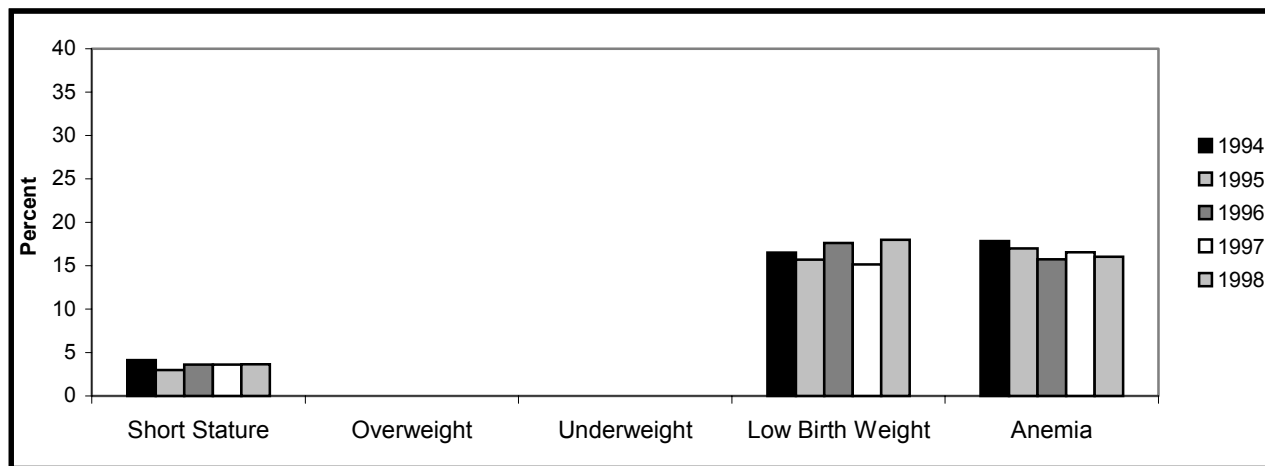
Figure/Table 6.8.1 Female: 10-12 Years, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.6	6.8	6.1	6.2	5.8
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	10.7	9.8	9.8	11.5	9.2
Anemia	8.2	8.8	8.0	7.7	7.4

Figure/Table 6.8.2 Female: 10-12 Years, Black

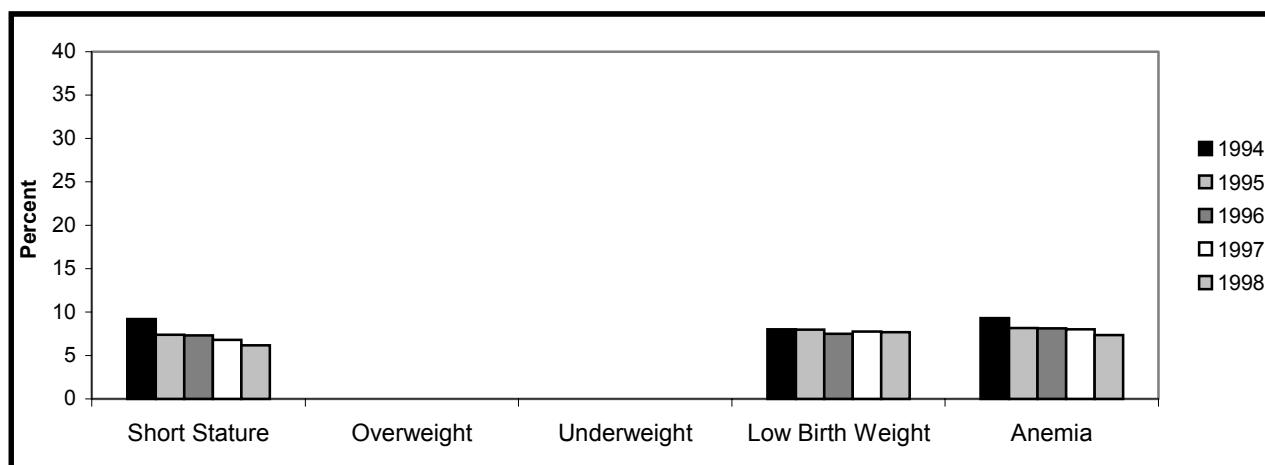


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.1	3.0	3.6	3.6	3.7
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	16.5	15.7	17.6	15.1	18.0
Anemia	17.8	17.0	15.8	16.5	16.0

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

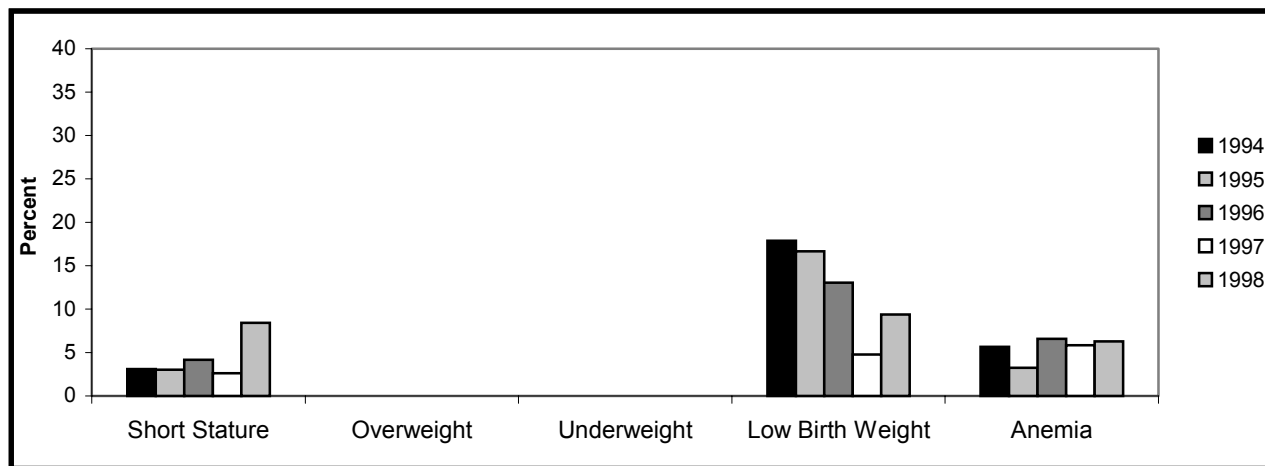
Figure/Table 6.8.3 Female: 10-12 Years, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.2	7.4	7.3	6.8	6.2
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	8.0	8.0	7.5	7.8	7.7
Anemia	9.3	8.2	8.1	8.0	7.4

Figure/Table 6.8.4 Female: 10-12 Years, Native American

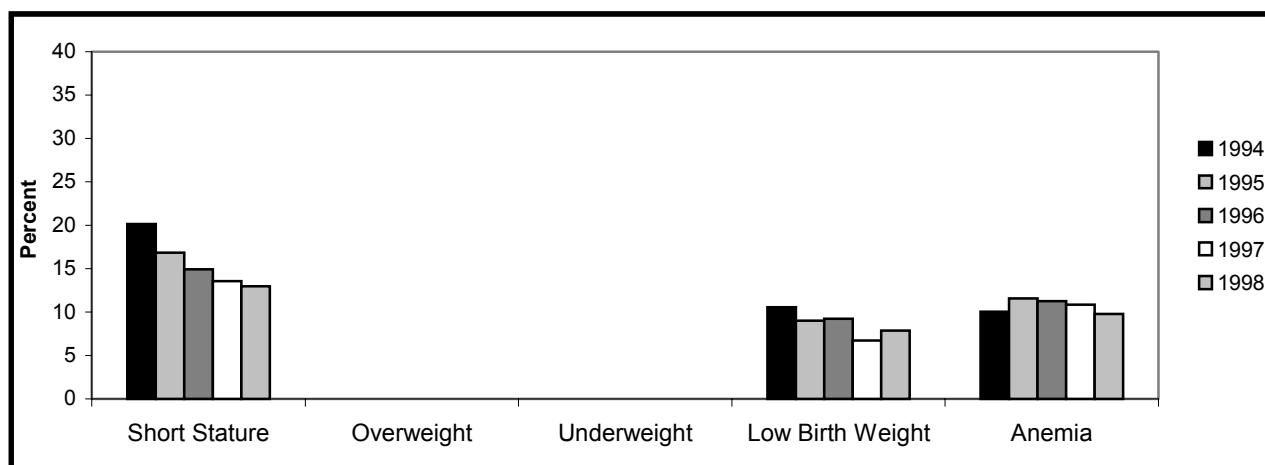


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	3.1	3.0	4.1	2.6	8.4
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	17.9	16.7	13.0	4.8	9.4
Anemia	5.7	3.2	6.6	5.8	6.3

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

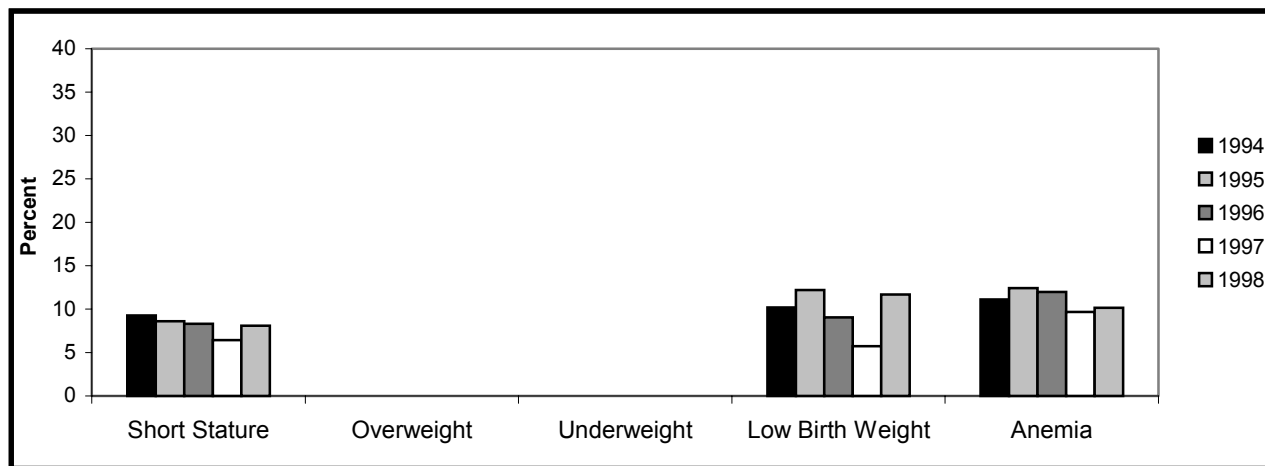
Figure/Table 6.8.5 Female: 10-12 Years, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	20.1	16.8	14.9	13.6	13.0
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	10.6	9.0	9.2	6.7	7.9
Anemia	10.0	11.6	11.2	10.8	9.8

Figure/Table 6.8.6 Female: 10-12 Years, Other

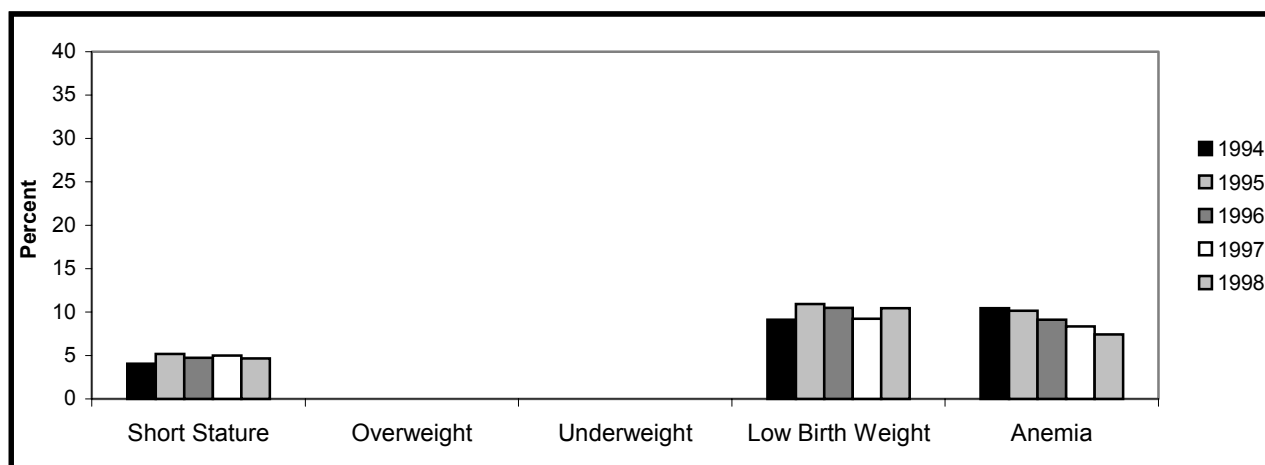


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.3	8.6	8.3	6.4	8.1
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	10.2	12.2	9.1	5.7	11.7
Anemia	11.1	12.4	12.0	9.7	10.1

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

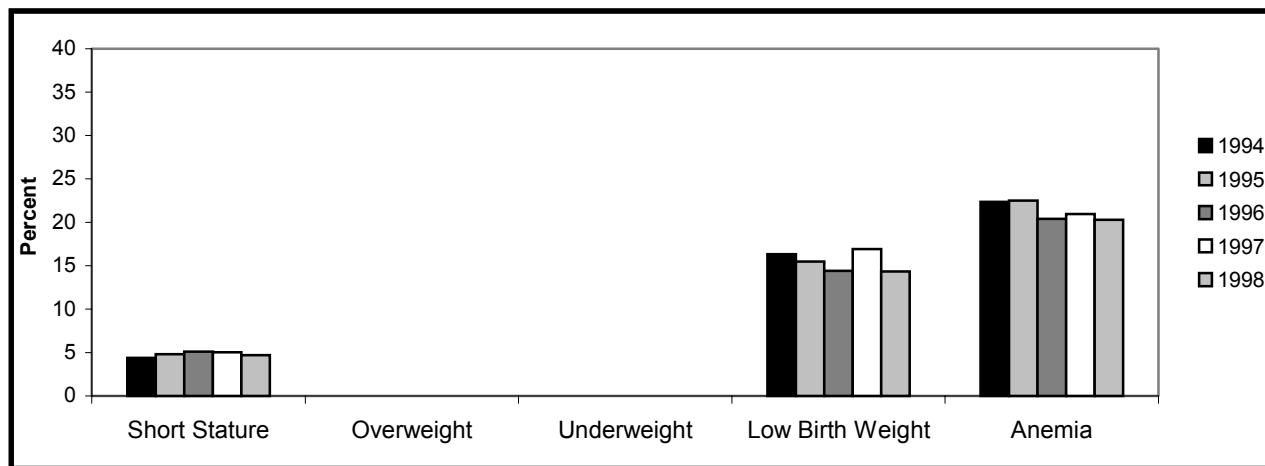
Figure/Table 6.9.1 Female: 13-17 Years, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.0	5.2	4.7	5.0	4.7
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	9.1	10.9	10.5	9.2	10.5
Anemia	10.4	10.1	9.1	8.3	7.4

Figure/Table 6.9.2 Female: 13-17 Years, Black

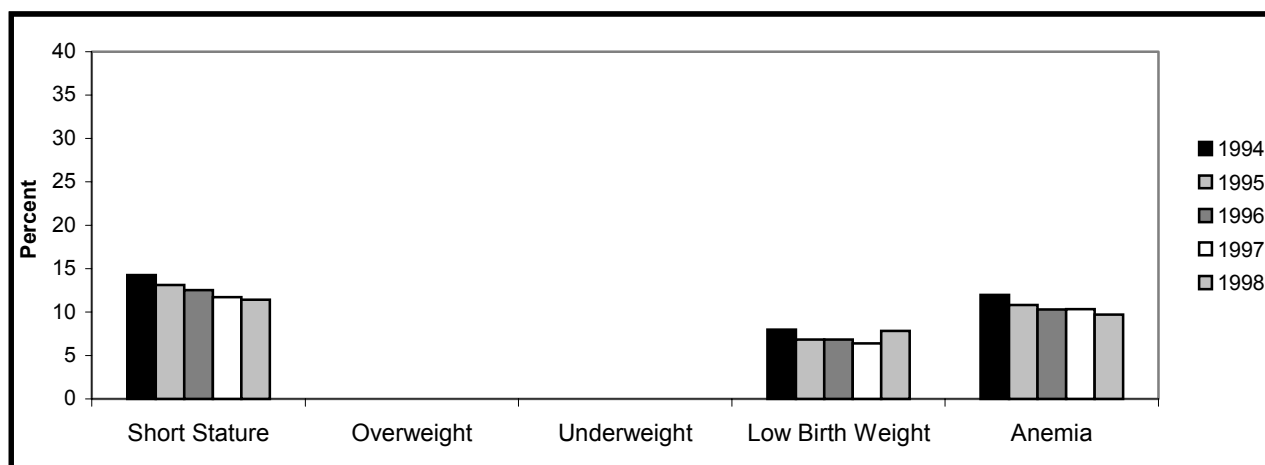


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.4	4.8	5.1	5.0	4.7
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	16.3	15.5	14.4	16.9	14.3
Anemia	22.4	22.5	20.4	21.0	20.3

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

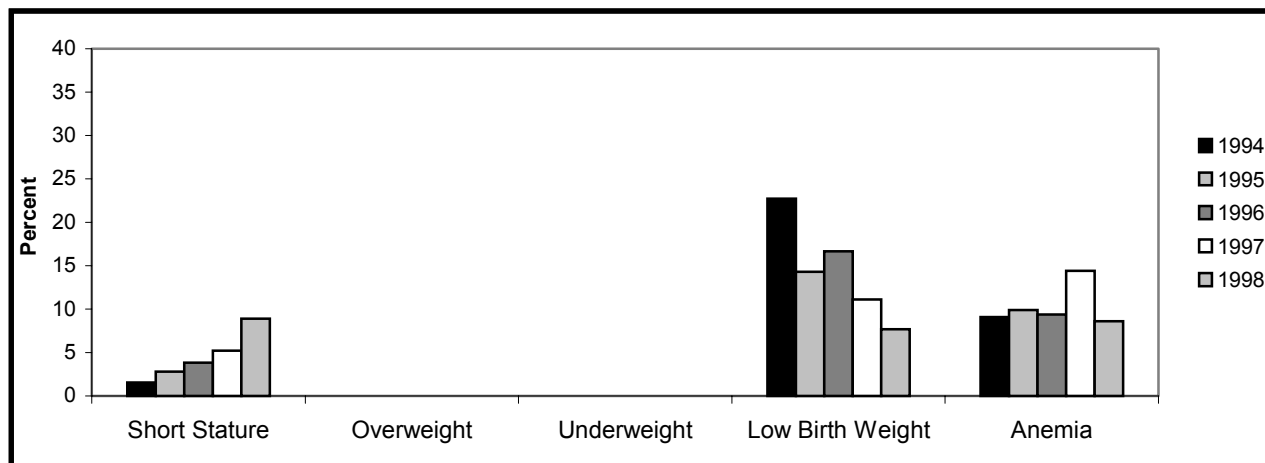
Figure/Table 6.9.3 Female: 13-17 Years, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	14.3	13.1	12.5	11.7	11.5
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	8.0	6.8	6.8	6.4	7.8
Anemia	12.0	10.8	10.3	10.3	9.7

Figure/Table 6.9.4 Female: 13-17 Years, Native American

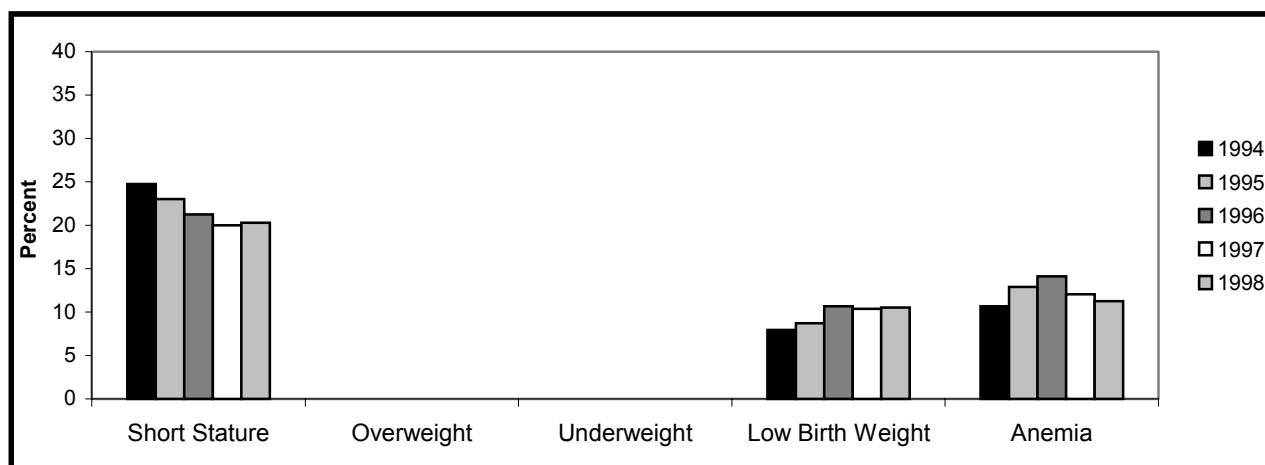


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	1.6	2.8	3.8	5.2	8.9
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	22.7	14.3	16.7	11.1	7.7
Anemia	9.1	9.9	9.4	14.4	8.6

Figure/Table 6. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators, for Females

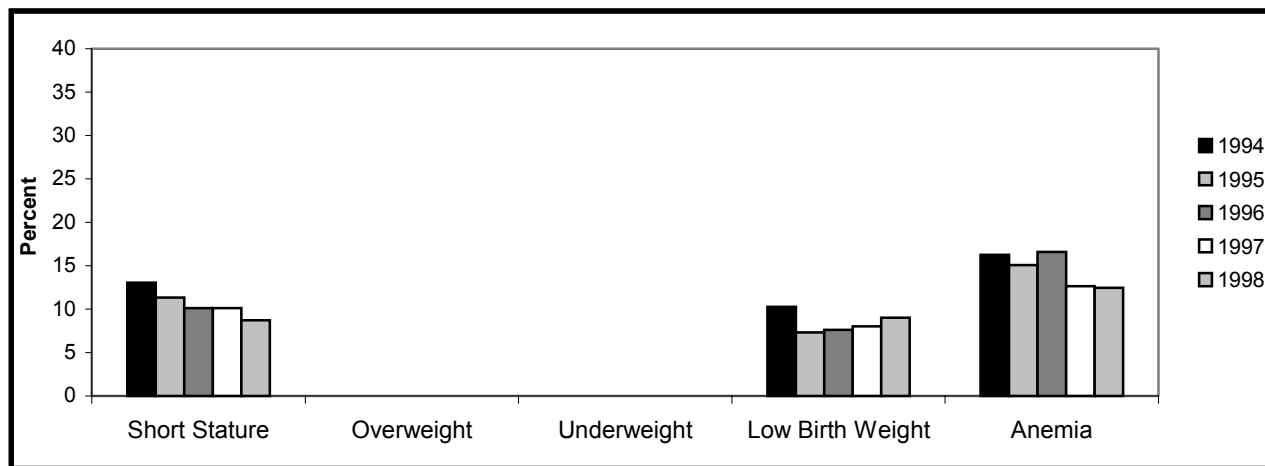
Figure/Table 6.9.5 Female: 13-17 Years, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	24.7	23.0	21.3	20.0	20.3
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	7.9	8.7	10.7	10.4	10.5
Anemia	10.7	12.9	14.1	12.0	11.3

Figure/Table 6.9.6 Female: 13-17 Years, Other

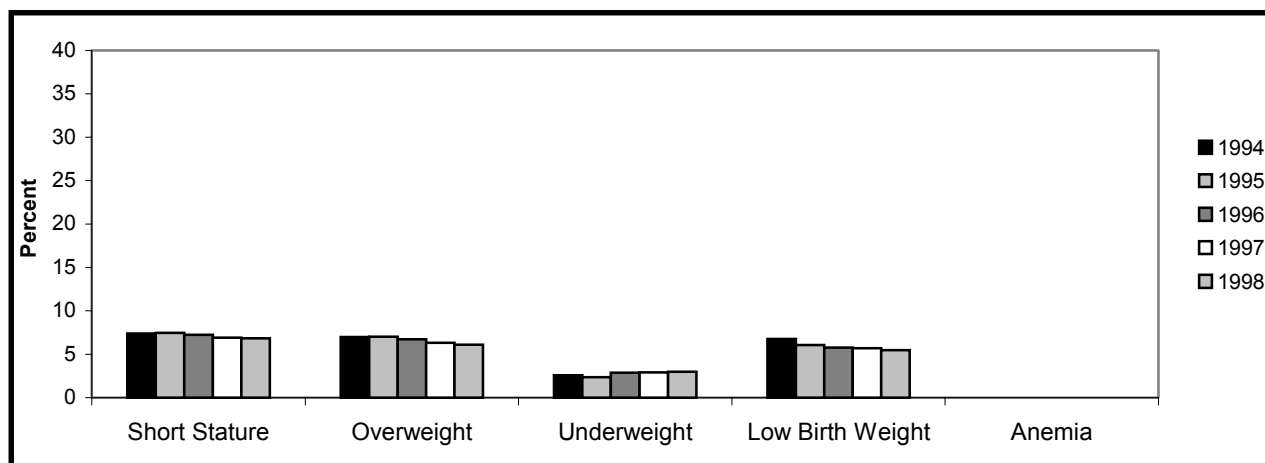


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	13.0	11.3	10.1	10.1	8.7
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	10.2	7.3	7.6	8.0	9.0
Anemia	16.2	15.1	16.6	12.7	12.5

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

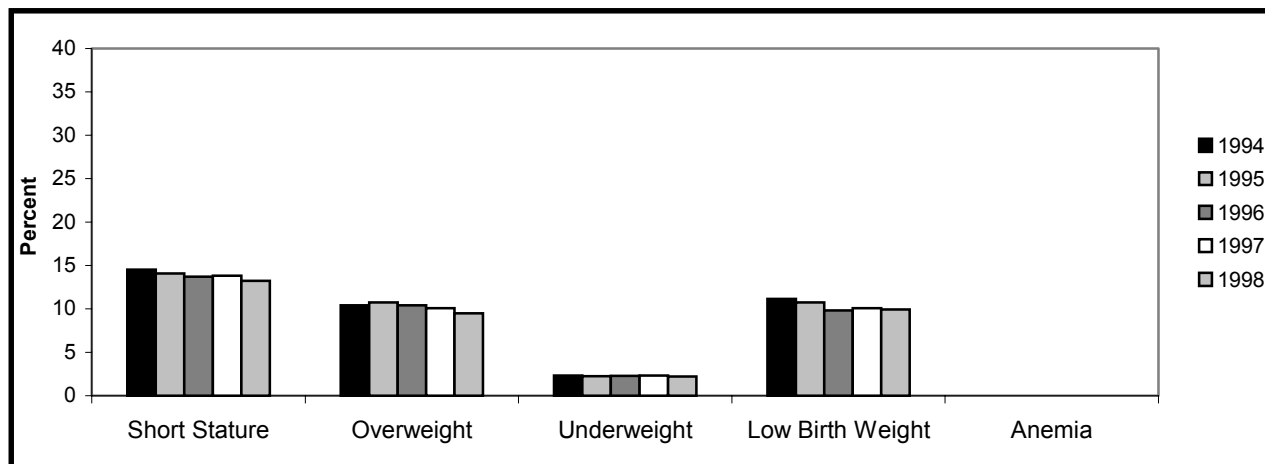
Figure/Table 6.10.1 Male: 0-2 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.4	7.5	7.2	6.9	6.8
Overweight	7.0	7.0	6.7	6.3	6.1
Underweight	2.6	2.4	2.9	2.9	3.0
Low Birth Weight	6.8	6.1	5.8	5.7	5.5
Anemia	*	*	*	*	*

Figure/Table 6.10.2 Male: 0-2 Months, Black

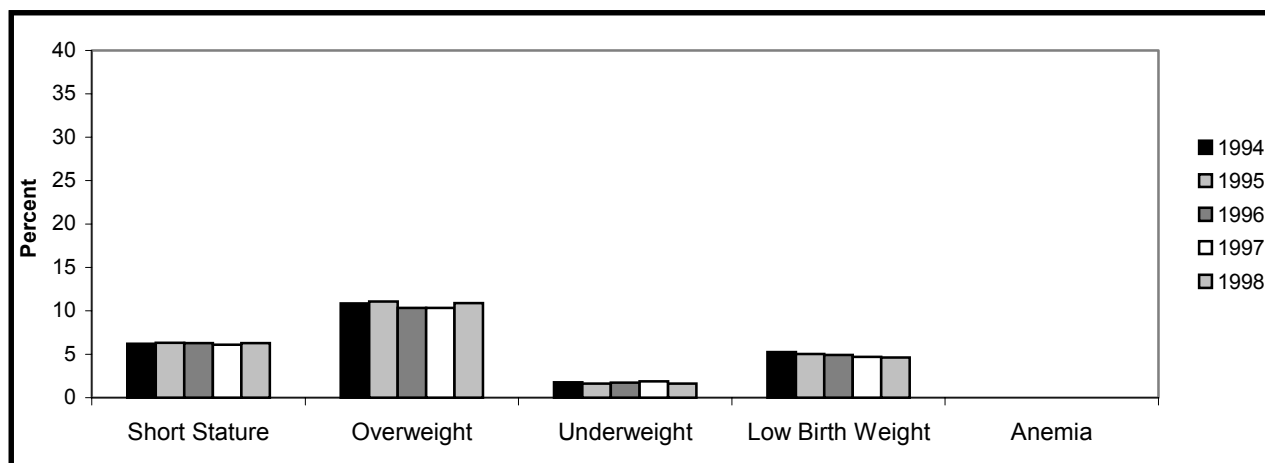


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	14.5	14.1	13.7	13.8	13.2
Overweight	10.4	10.7	10.4	10.1	9.5
Underweight	2.3	2.3	2.3	2.3	2.2
Low Birth Weight	11.1	10.7	9.8	10.1	9.9
Anemia	*	*	*	*	*

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

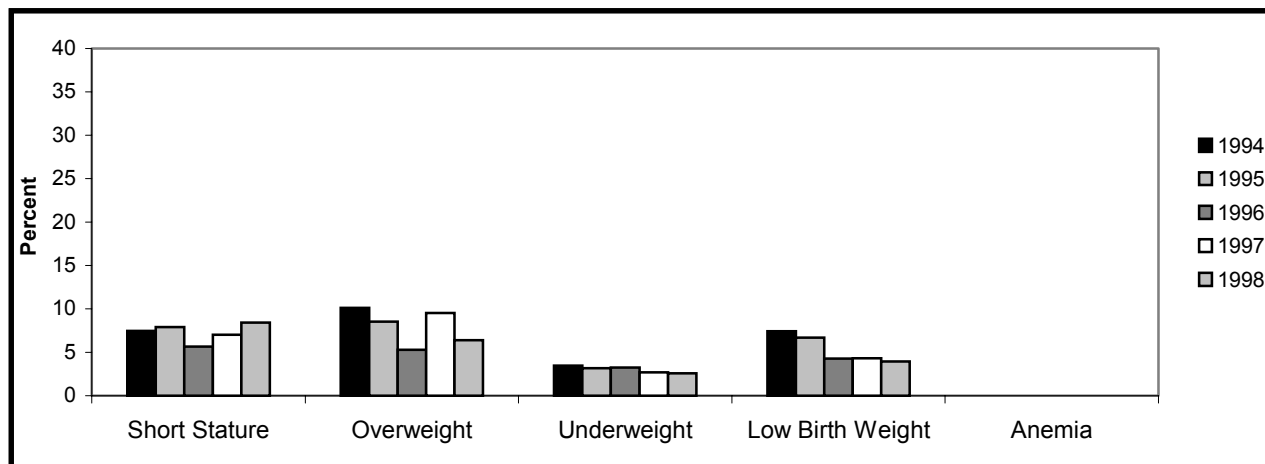
Figure/Table 6.10.3 Male: 0-2 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.2	6.3	6.3	6.1	6.3
Overweight	10.9	11.1	10.3	10.3	10.9
Underweight	1.8	1.6	1.7	1.9	1.6
Low Birth Weight	5.3	5.1	4.9	4.7	4.6
Anemia	*	*	*	*	*

Figure/Table 6.10.4 Male: 0-2 Months, Native American

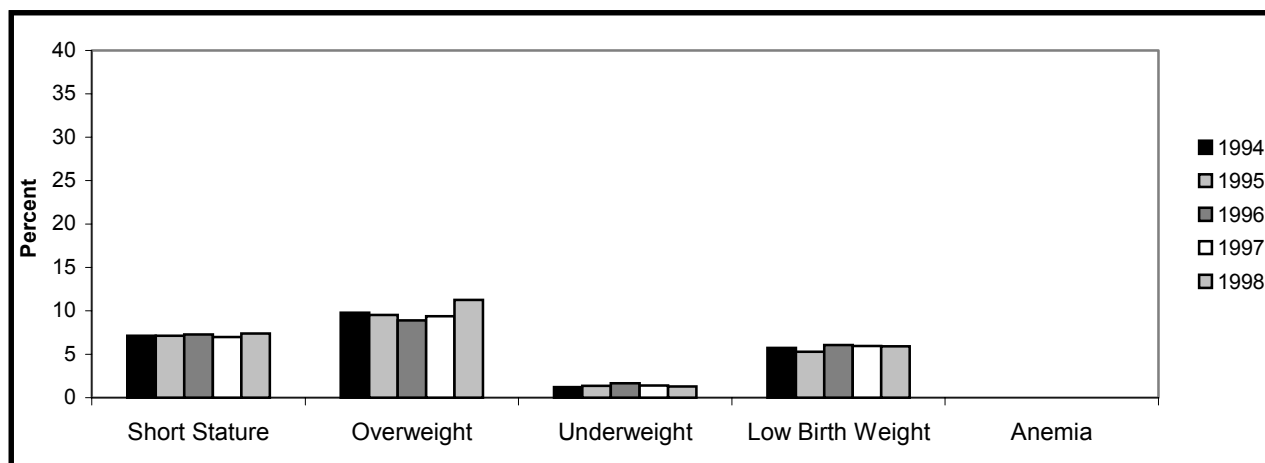


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.5	7.9	5.7	7.0	8.4
Overweight	10.1	8.5	5.3	9.5	6.4
Underweight	3.4	3.2	3.2	2.7	2.6
Low Birth Weight	7.4	6.7	4.3	4.3	3.9
Anemia	*	*	*	*	*

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

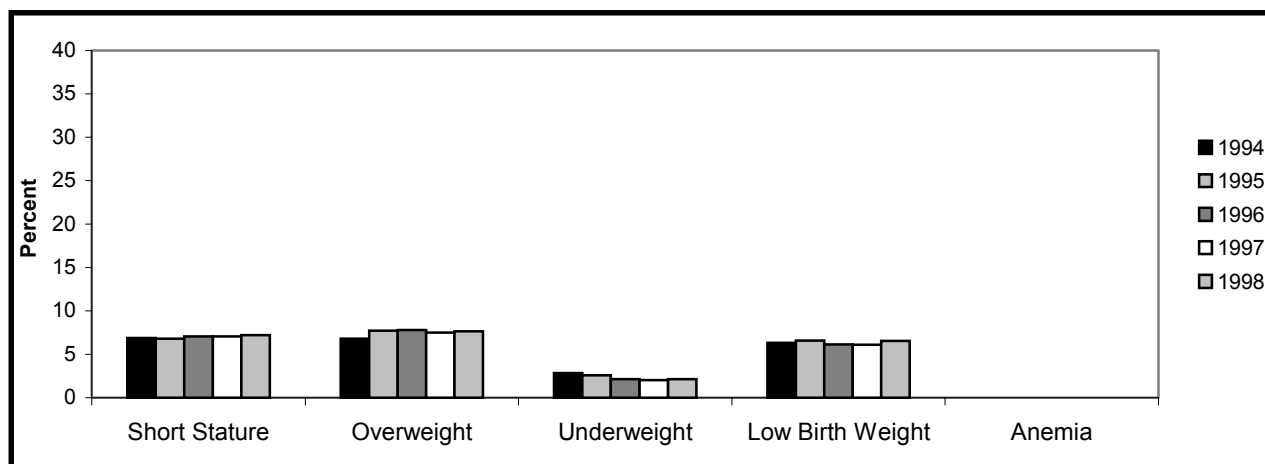
Figure/Table 6.10.5 Male: 0-2 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.1	7.1	7.3	7.0	7.4
Overweight	9.8	9.5	8.9	9.4	11.3
Underweight	1.2	1.4	1.7	1.4	1.3
Low Birth Weight	5.7	5.3	6.1	6.0	5.9
Anemia	*	*	*	*	*

Figure/Table 6.10.6 Male: 0-2 Months, Other

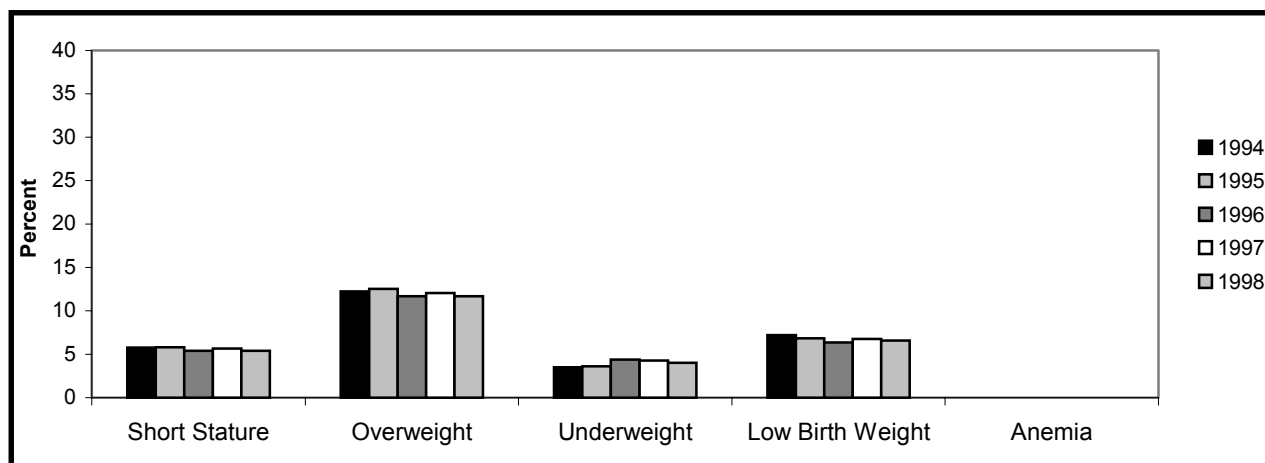


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.9	6.8	7.1	7.1	7.2
Overweight	6.8	7.7	7.8	7.5	7.6
Underweight	2.8	2.6	2.1	2.0	2.1
Low Birth Weight	6.3	6.6	6.1	6.1	6.5
Anemia	*	*	*	*	*

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

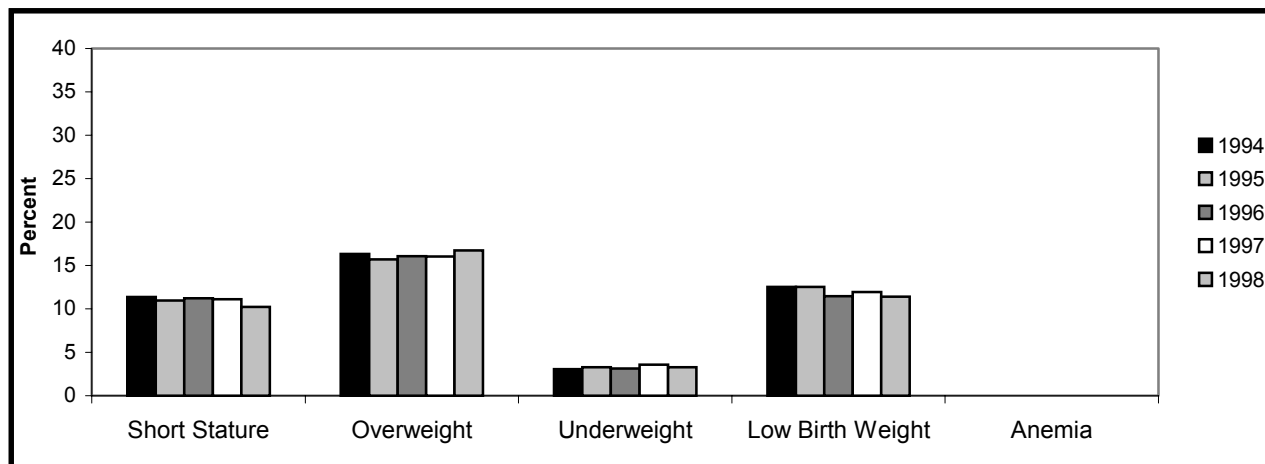
Figure/Table 6.11.1 Male: 3-5 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.8	5.8	5.4	5.7	5.4
Overweight	12.2	12.5	11.7	12.0	11.7
Underweight	3.5	3.6	4.4	4.3	4.0
Low Birth Weight	7.2	6.8	6.4	6.8	6.6
Anemia	*	*	*	*	*

Figure/Table 6.11.2 Male: 3-5 Months, Black

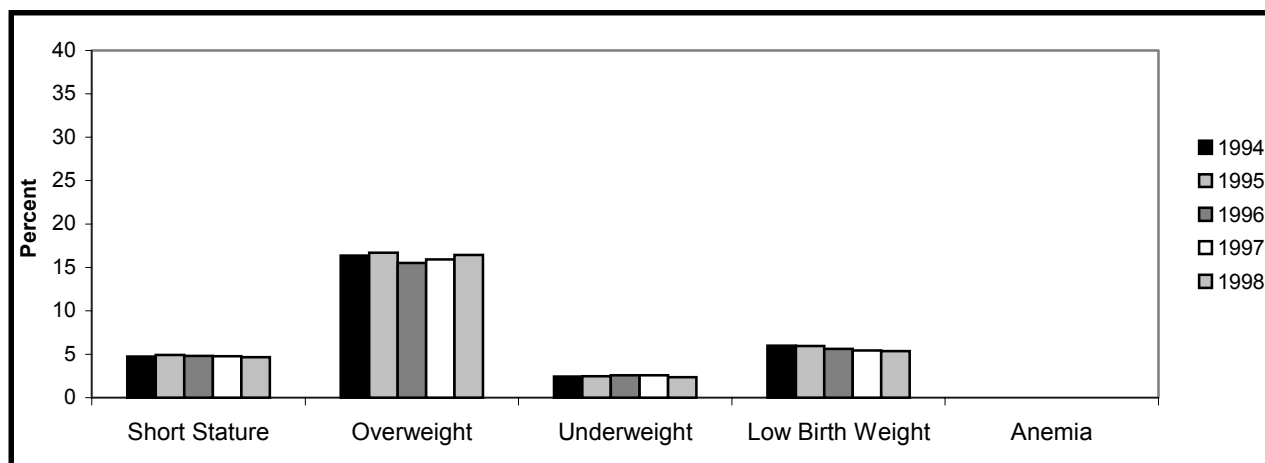


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	11.3	11.0	11.2	11.1	10.2
Overweight	16.3	15.7	16.1	16.0	16.7
Underweight	3.1	3.3	3.1	3.6	3.3
Low Birth Weight	12.6	12.5	11.5	11.9	11.4
Anemia	*	*	*	*	*

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

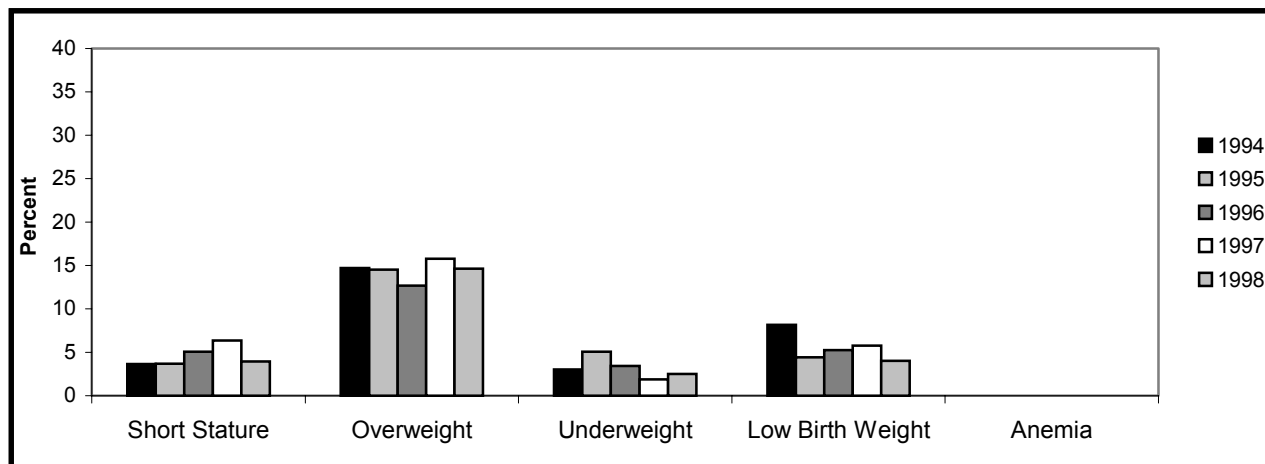
Figure/Table 6.11.3 Male: 3-5 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.8	4.9	4.8	4.8	4.7
Overweight	16.3	16.7	15.5	15.9	16.4
Underweight	2.4	2.4	2.6	2.6	2.4
Low Birth Weight	6.0	6.0	5.6	5.4	5.4
Anemia	*	*	*	*	*

Figure/Table 6.11.4 Male: 3-5 Months, Native American

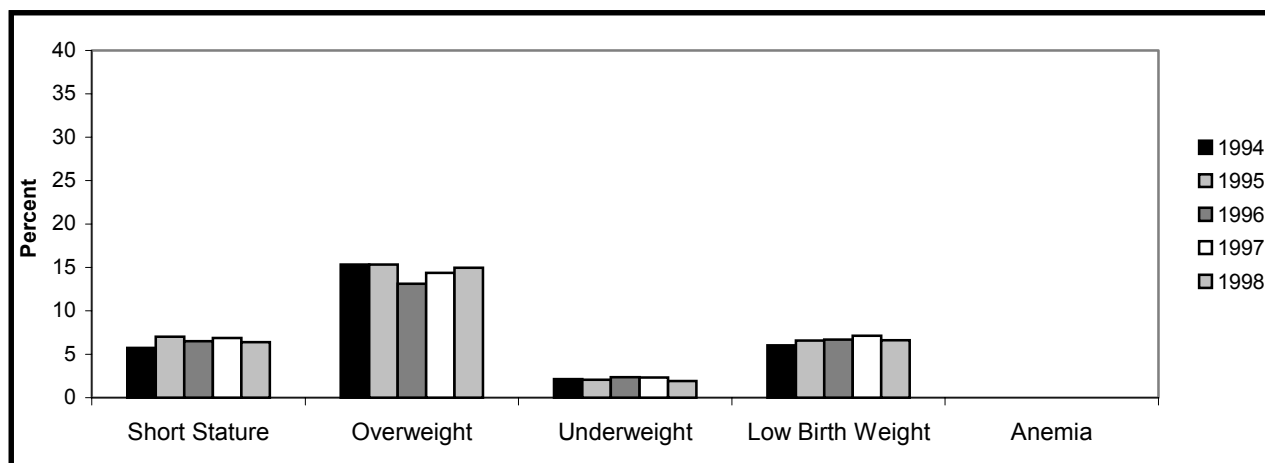


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	3.7	3.7	5.1	6.4	3.9
Overweight	14.7	14.5	12.7	15.8	14.6
Underweight	3.0	5.1	3.4	1.9	2.5
Low Birth Weight	8.2	4.4	5.3	5.8	4.0
Anemia	*	*	*	*	*

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

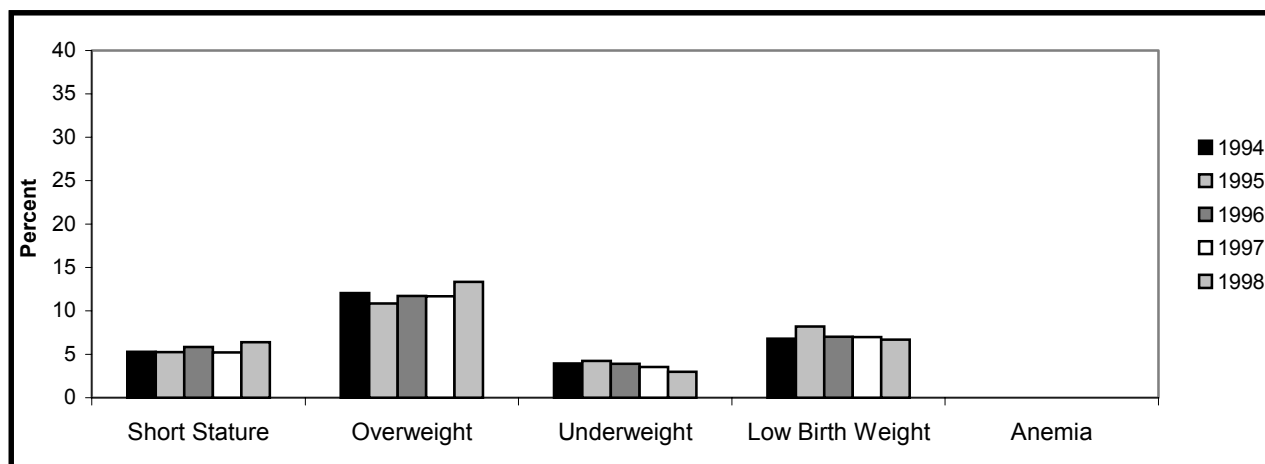
Figure/Table 6.11.5 Male: 3-5 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.8	7.0	6.5	6.9	6.4
Overweight	15.3	15.3	13.1	14.4	15.0
Underweight	2.1	2.1	2.4	2.3	1.9
Low Birth Weight	6.0	6.6	6.7	7.1	6.6
Anemia	*	*	*	*	*

Figure/Table 6.11.6 Male: 3-5 Months, Other

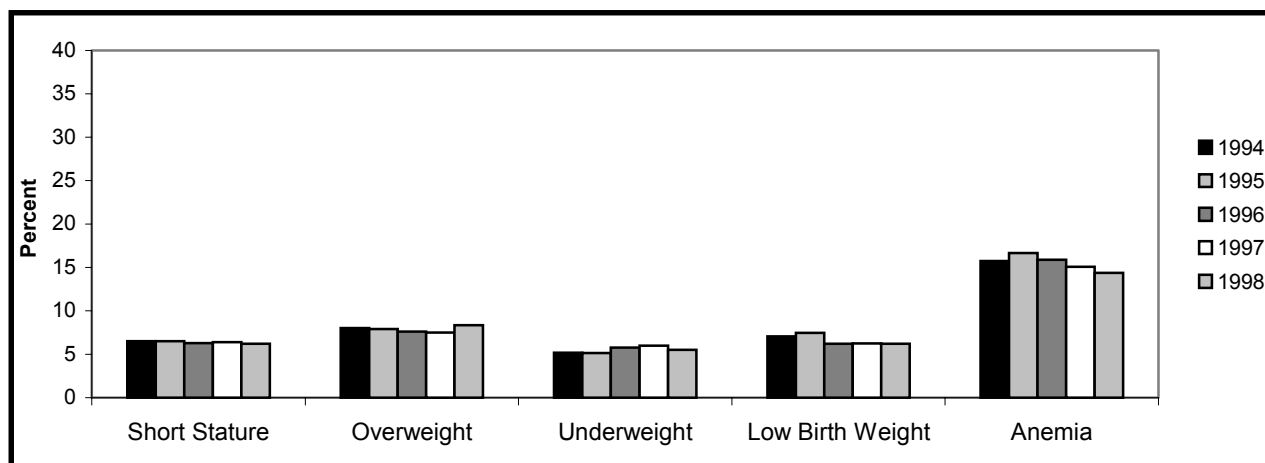


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.3	5.3	5.8	5.2	6.4
Overweight	12.1	10.8	11.7	11.7	13.3
Underweight	3.9	4.2	3.9	3.5	3.0
Low Birth Weight	6.8	8.2	7.0	7.0	6.7
Anemia	*	*	*	*	*

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

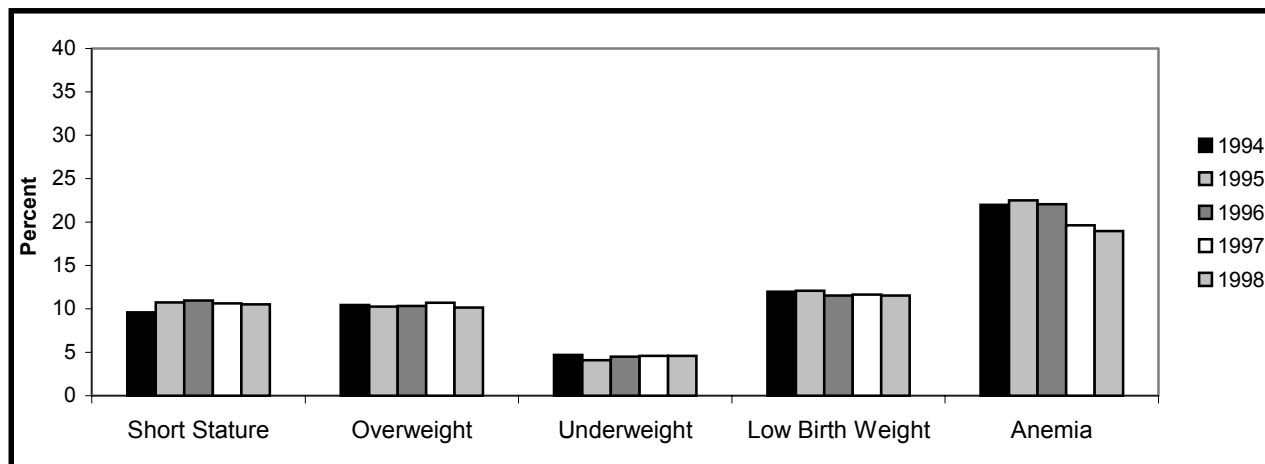
Figure/Table 6.12.1 Male: 6-11 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.5	6.5	6.3	6.4	6.2
Overweight	8.0	7.9	7.6	7.5	8.4
Underweight	5.2	5.1	5.8	6.0	5.5
Low Birth Weight	7.1	7.5	6.2	6.3	6.2
Anemia	15.8	16.7	15.9	15.1	14.4

Figure/Table 6.12.2 Male: 6-11 Months, Black

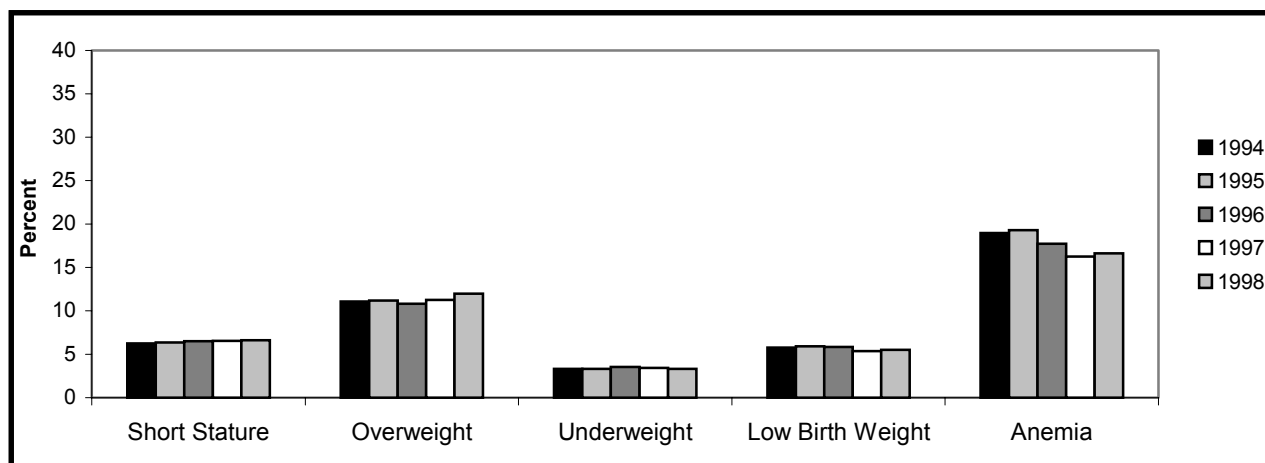


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.6	10.7	11.0	10.6	10.5
Overweight	10.5	10.2	10.3	10.7	10.2
Underweight	4.7	4.1	4.5	4.6	4.6
Low Birth Weight	12.0	12.1	11.5	11.7	11.5
Anemia	22.0	22.5	22.1	19.6	19.0

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

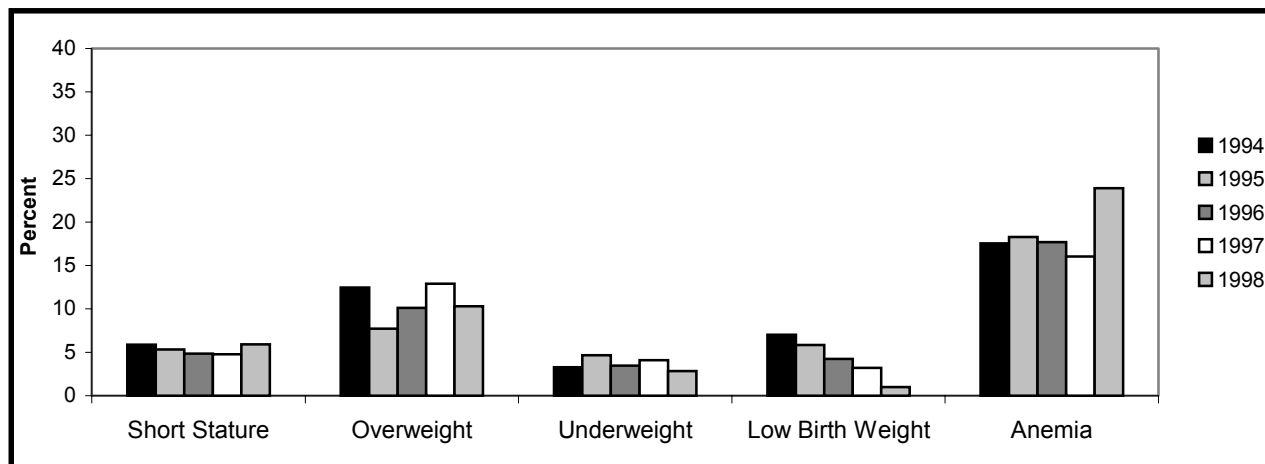
Figure/Table 6.12.3 Male: 6-11 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.3	6.4	6.5	6.6	6.6
Overweight	11.1	11.2	10.8	11.2	12.0
Underweight	3.3	3.3	3.5	3.4	3.3
Low Birth Weight	5.8	5.9	5.9	5.4	5.5
Anemia	19.0	19.3	17.7	16.2	16.6

Figure/Table 6.12.4 Male: 6-11 Months, Native American

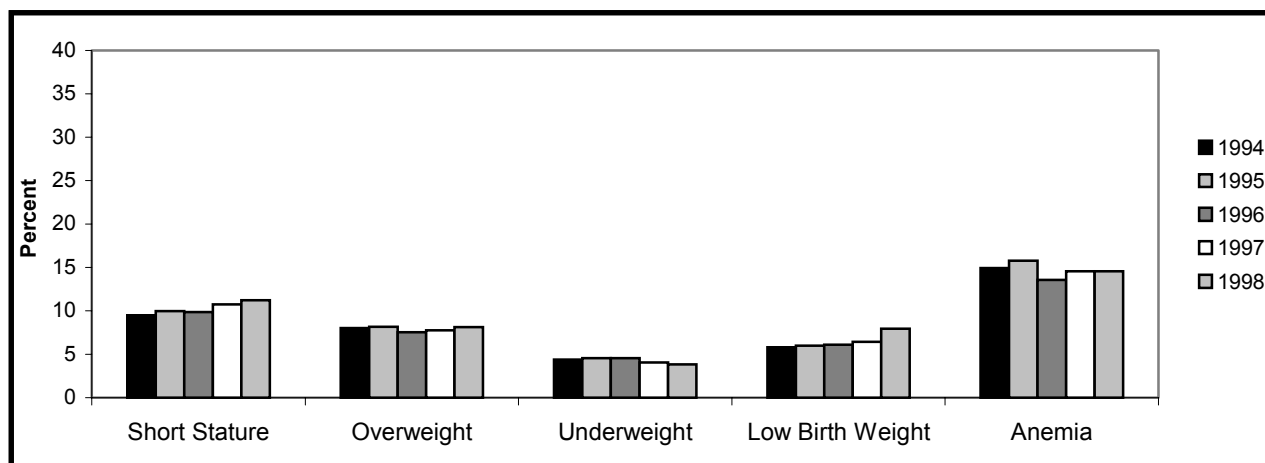


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.9	5.3	4.9	4.8	5.9
Overweight	12.5	7.7	10.1	12.9	10.3
Underweight	3.3	4.7	3.5	4.1	2.8
Low Birth Weight	7.0	5.9	4.2	3.2	1.0
Anemia	17.5	18.3	17.7	16.0	23.9

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

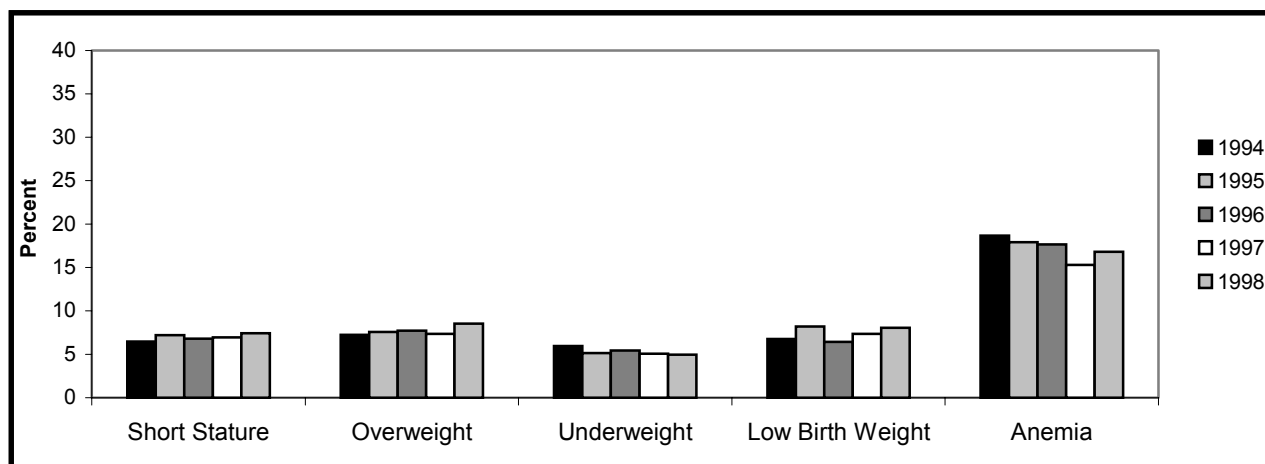
Figure/Table 6.12.5 Male: 6-11 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.5	10.0	9.8	10.7	11.2
Overweight	8.0	8.2	7.5	7.8	8.1
Underweight	4.4	4.6	4.5	4.1	3.8
Low Birth Weight	5.8	6.0	6.1	6.4	7.9
Anemia	14.9	15.8	13.6	14.6	14.5

Figure/Table 6.12.6 Male: 6-11 Months, Other

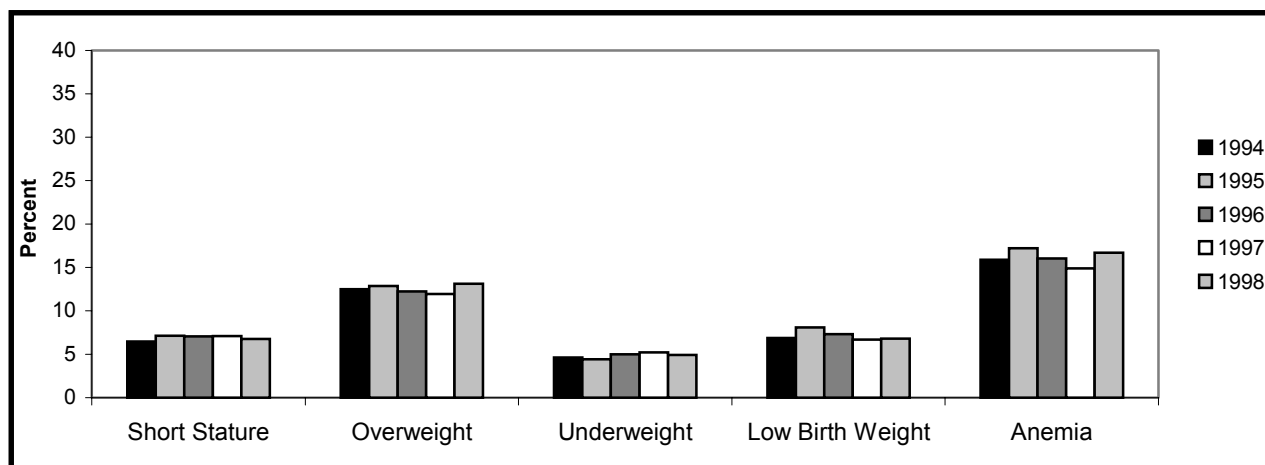


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.5	7.2	6.8	6.9	7.4
Overweight	7.2	7.6	7.7	7.3	8.5
Underweight	6.0	5.2	5.5	5.1	4.9
Low Birth Weight	6.8	8.2	6.4	7.4	8.1
Anemia	18.7	17.9	17.6	15.3	16.8

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

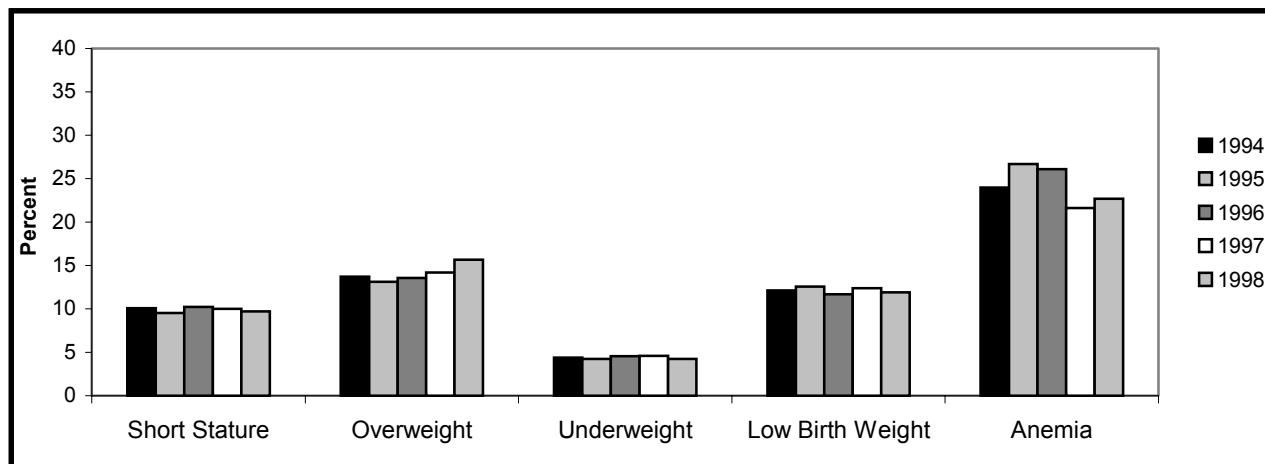
Figure/Table 6.13.1 Male: 12-23 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.5	7.1	7.1	7.1	6.8
Overweight	12.5	12.9	12.2	11.9	13.1
Underweight	4.6	4.4	5.0	5.2	4.9
Low Birth Weight	6.9	8.1	7.3	6.7	6.8
Anemia	15.9	17.2	16.0	14.9	16.7

Figure/Table 6.13.2 Male: 12-23 Months, Black

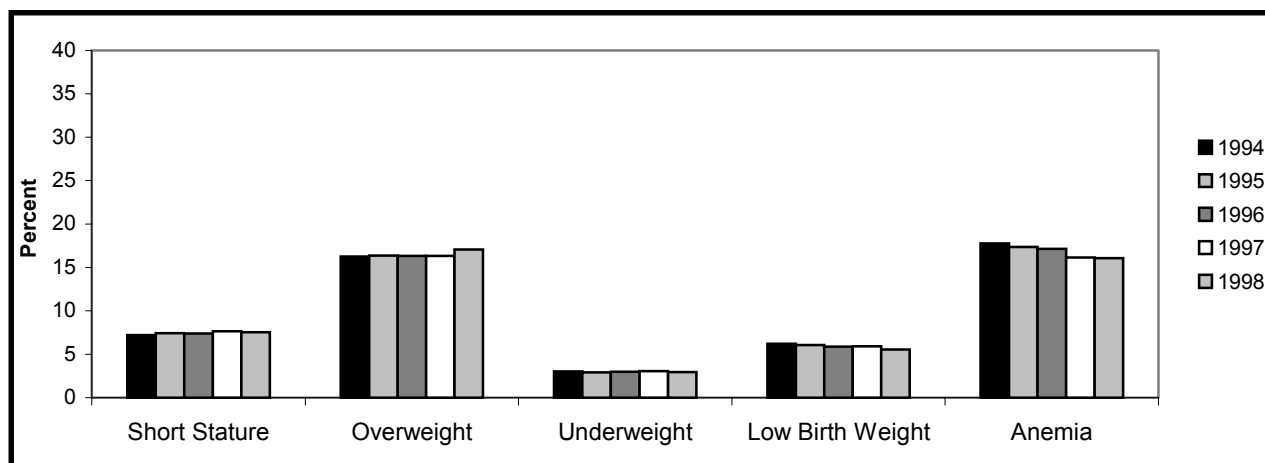


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	10.1	9.5	10.2	10.0	9.7
Overweight	13.7	13.1	13.6	14.2	15.7
Underweight	4.4	4.2	4.6	4.6	4.2
Low Birth Weight	12.1	12.6	11.7	12.4	11.9
Anemia	24.0	26.7	26.1	21.6	22.7

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

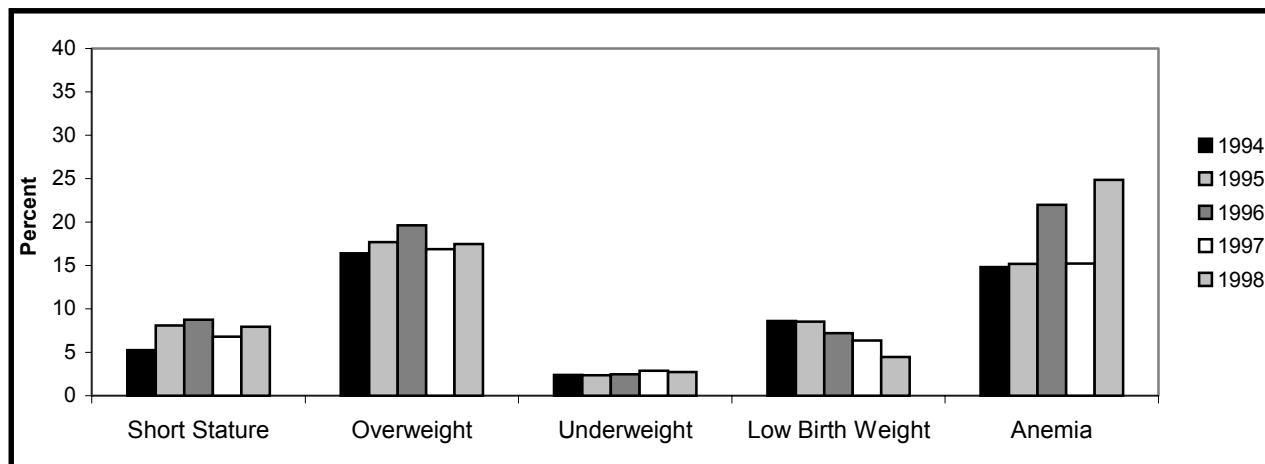
Figure/Table 6.13.3 Male: 12-23 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.2	7.4	7.4	7.7	7.6
Overweight	16.3	16.4	16.3	16.3	17.1
Underweight	3.0	2.9	3.0	3.1	2.9
Low Birth Weight	6.2	6.1	5.9	5.9	5.5
Anemia	17.7	17.4	17.1	16.1	16.1

Figure/Table 6.13.4 Male: 12-23 Months, Native American

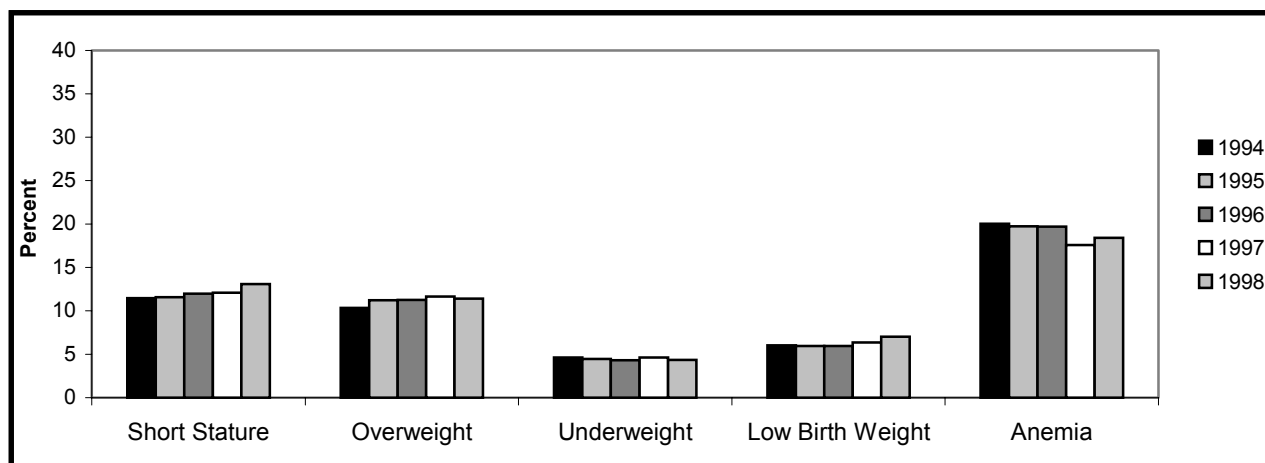


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.3	8.1	8.8	6.8	7.9
Overweight	16.4	17.7	19.6	16.9	17.5
Underweight	2.4	2.4	2.5	2.9	2.7
Low Birth Weight	8.6	8.5	7.2	6.4	4.5
Anemia	14.8	15.2	22.0	15.2	24.8

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

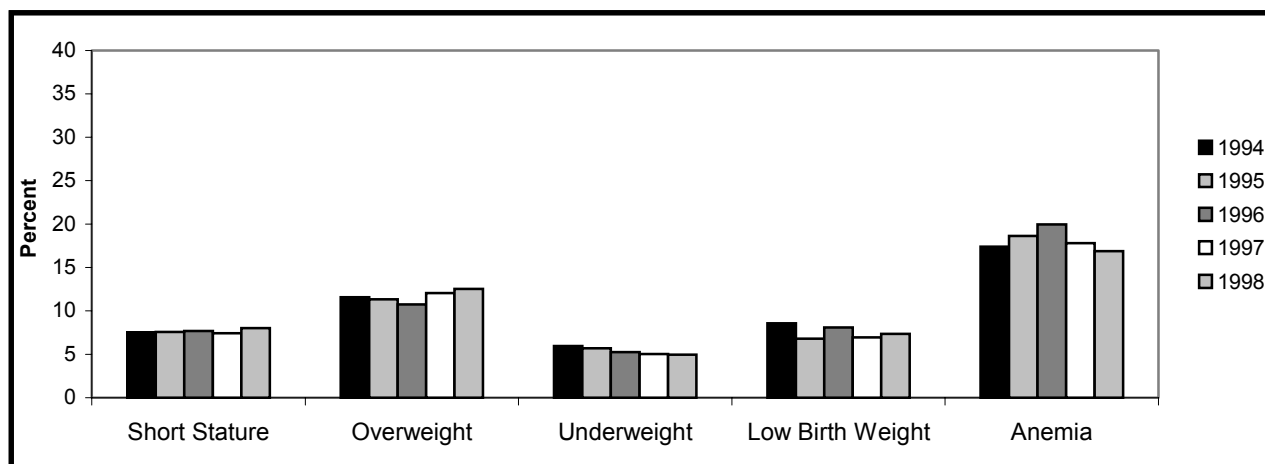
Figure/Table 6.13.5 Male: 12-23 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	11.5	11.6	12.0	12.1	13.1
Overweight	10.3	11.2	11.3	11.7	11.4
Underweight	4.6	4.4	4.3	4.6	4.3
Low Birth Weight	6.0	6.0	5.9	6.4	7.0
Anemia	20.0	19.7	19.7	17.6	18.4

Figure/Table 6.13.6 Male: 12-23 Months, Other

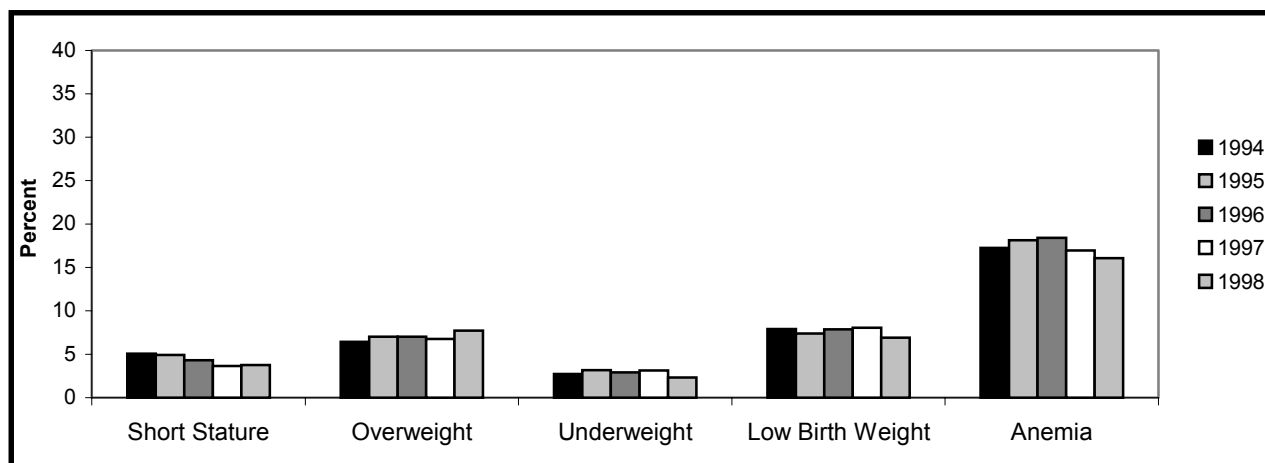


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.5	7.6	7.7	7.4	8.0
Overweight	11.6	11.3	10.7	12.0	12.5
Underweight	6.0	5.7	5.3	5.0	5.0
Low Birth Weight	8.6	6.8	8.1	7.0	7.4
Anemia	17.4	18.6	20.0	17.8	16.9

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

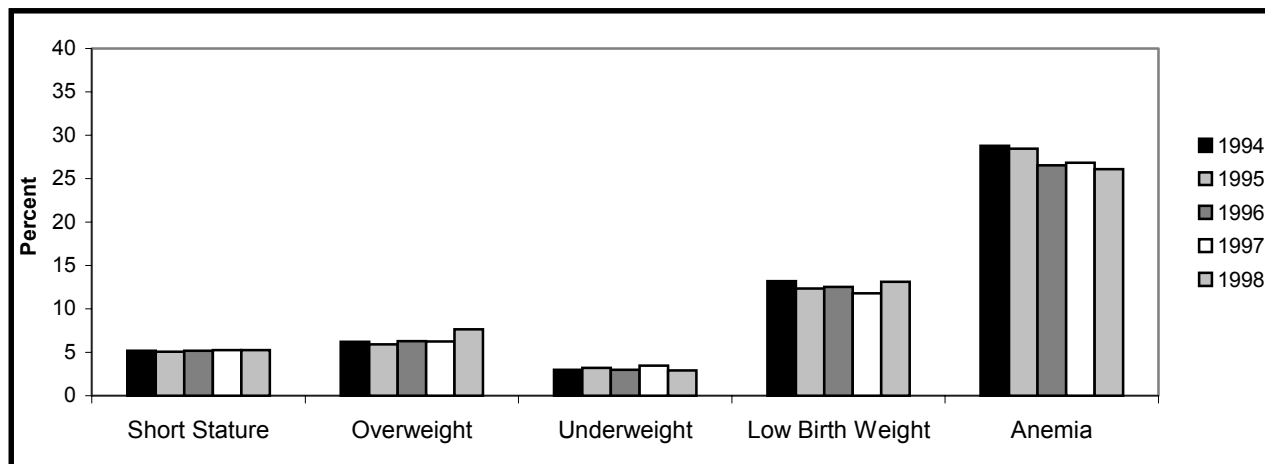
Figure/Table 6.14.1 Male: 24-35 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.1	4.9	4.3	3.6	3.8
Overweight	6.4	7.0	7.0	6.8	7.7
Underweight	2.7	3.2	2.9	3.1	2.3
Low Birth Weight	7.9	7.4	7.9	8.1	6.9
Anemia	17.2	18.1	18.4	17.0	16.1

Figure/Table 6.14.2 Male: 24-35 Months, Black

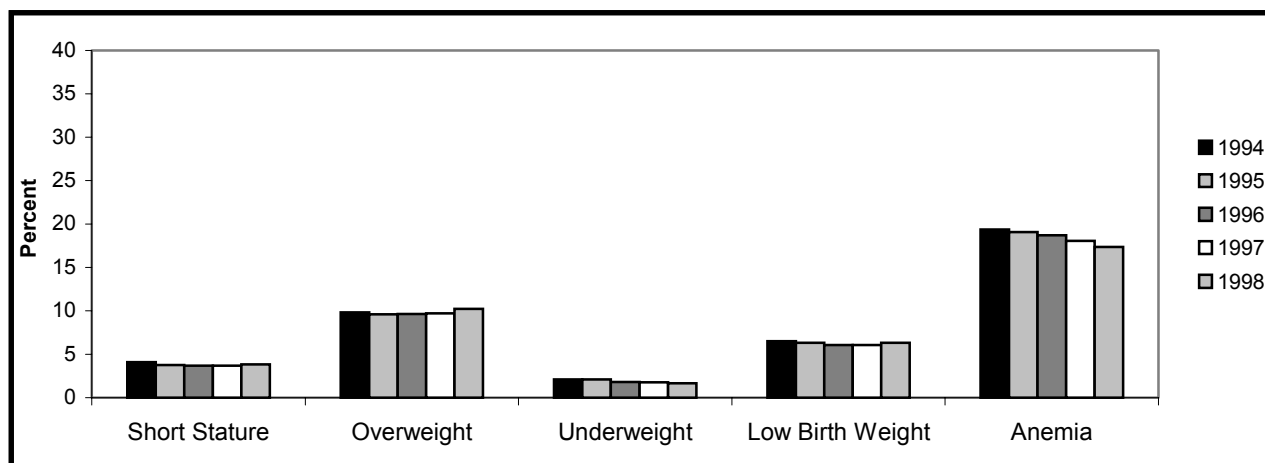


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.2	5.1	5.2	5.2	5.2
Overweight	6.2	5.9	6.3	6.3	7.6
Underweight	3.0	3.2	3.0	3.4	2.9
Low Birth Weight	13.2	12.3	12.6	11.8	13.1
Anemia	28.8	28.4	26.5	26.8	26.1

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

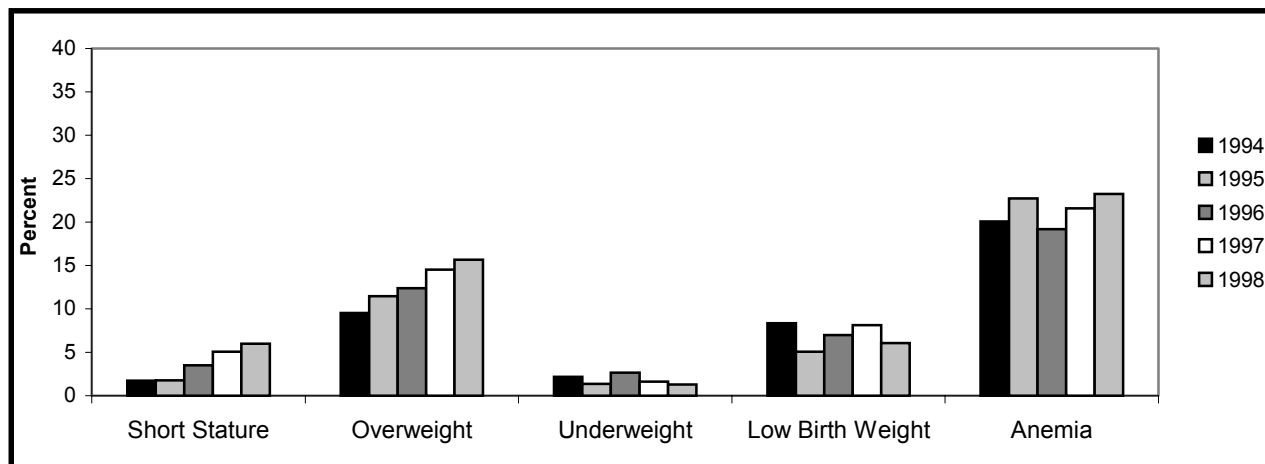
Figure/Table 6.14.3 Male: 24-35 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.1	3.7	3.7	3.7	3.8
Overweight	9.8	9.6	9.6	9.7	10.2
Underweight	2.1	2.1	1.8	1.8	1.6
Low Birth Weight	6.5	6.3	6.1	6.1	6.3
Anemia	19.4	19.1	18.7	18.1	17.4

Figure/Table 6.14.4 Male: 24-35 Months, Native American

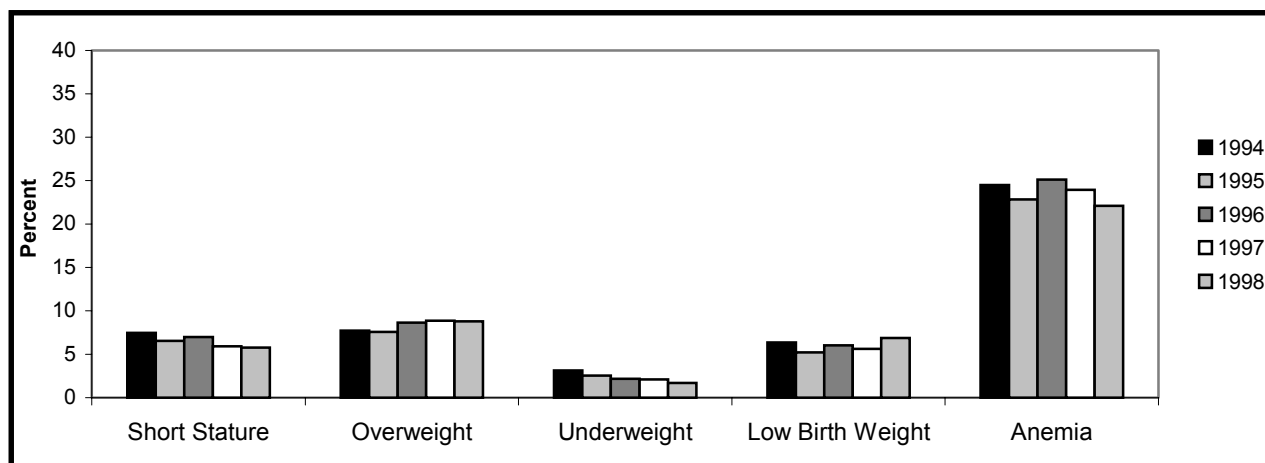


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	1.7	1.8	3.5	5.1	6.0
Overweight	9.5	11.5	12.4	14.5	15.7
Underweight	2.2	1.4	2.7	1.6	1.3
Low Birth Weight	8.3	5.1	7.0	8.1	6.1
Anemia	20.1	22.7	19.2	21.6	23.2

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

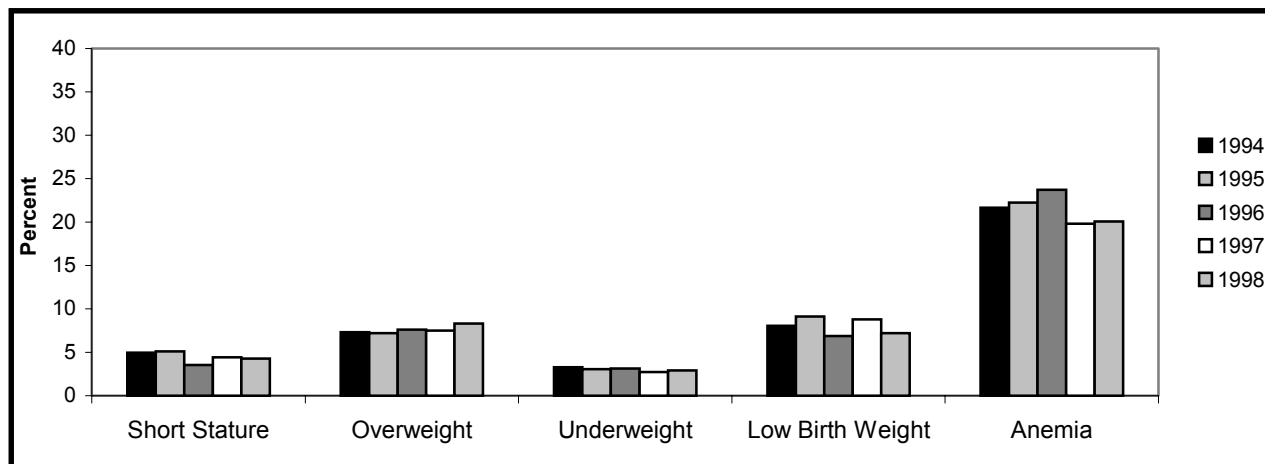
Figure/Table 6.14.5 Male: 24-35 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.5	6.5	7.0	5.9	5.8
Overweight	7.7	7.6	8.6	8.9	8.8
Underweight	3.1	2.5	2.2	2.1	1.7
Low Birth Weight	6.3	5.2	6.0	5.6	6.9
Anemia	24.5	22.8	25.1	24.0	22.1

Figure/Table 6.14.6 Male: 24-35 Months, Other

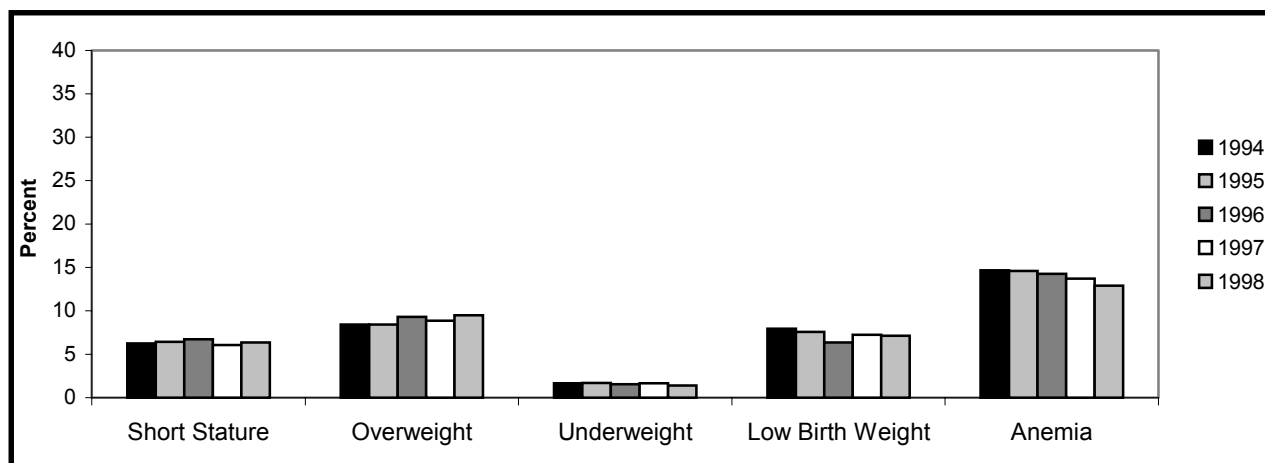


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.0	5.1	3.5	4.4	4.3
Overweight	7.3	7.2	7.6	7.5	8.3
Underweight	3.3	3.1	3.1	2.7	2.9
Low Birth Weight	8.0	9.1	6.9	8.8	7.2
Anemia	21.7	22.2	23.7	19.8	20.1

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

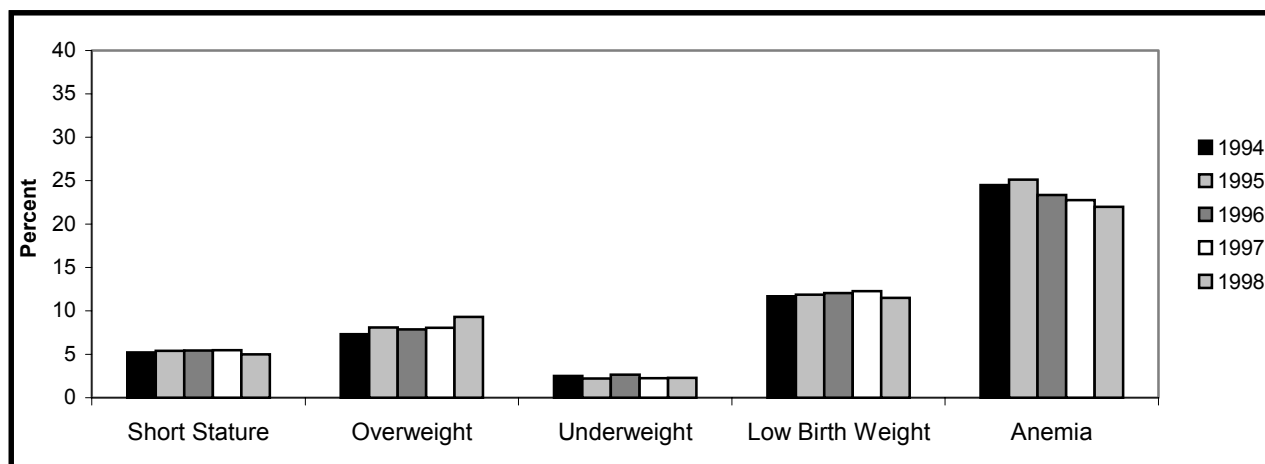
Figure/Table 6.15.1 Male: 36-59 Months, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.2	6.4	6.7	6.1	6.4
Overweight	8.4	8.4	9.3	8.9	9.5
Underweight	1.7	1.7	1.5	1.7	1.4
Low Birth Weight	7.9	7.6	6.4	7.3	7.1
Anemia	14.7	14.6	14.3	13.7	12.9

Figure/Table 6.15.2 Male: 36-59 Months, Black

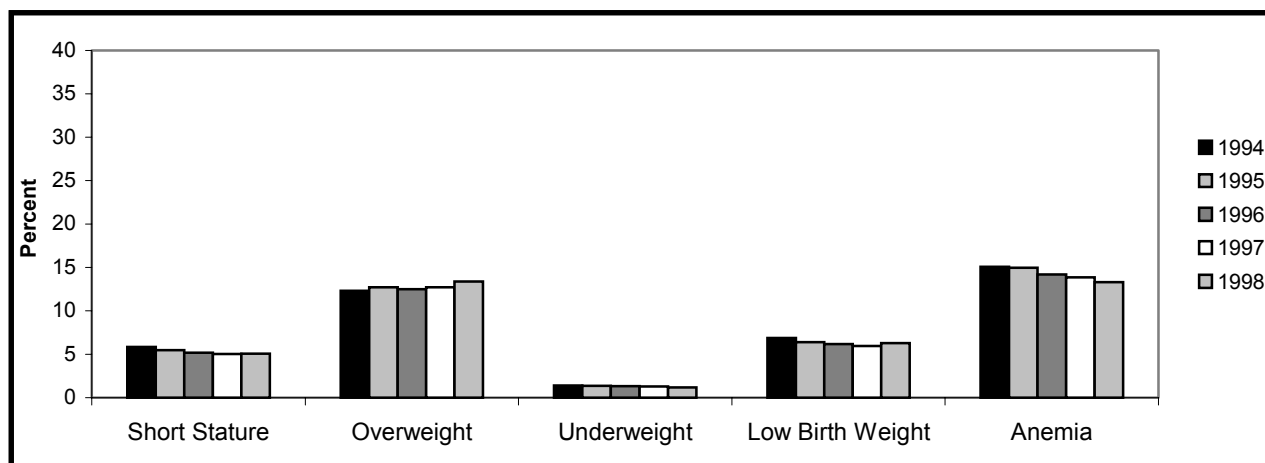


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.2	5.4	5.4	5.5	5.0
Overweight	7.3	8.1	7.9	8.1	9.3
Underweight	2.5	2.2	2.7	2.3	2.3
Low Birth Weight	11.7	11.9	12.1	12.3	11.5
Anemia	24.5	25.1	23.3	22.8	22.0

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

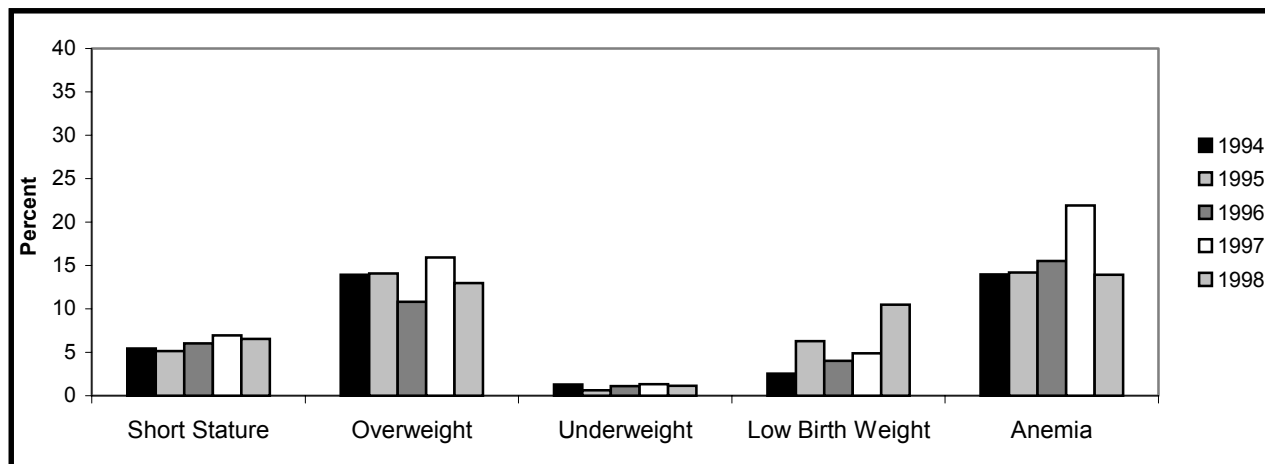
Figure/Table 6.15.3 Male: 36-59 Months, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.9	5.5	5.2	5.0	5.1
Overweight	12.3	12.7	12.5	12.7	13.4
Underweight	1.4	1.4	1.3	1.3	1.2
Low Birth Weight	6.9	6.4	6.2	5.9	6.3
Anemia	15.1	15.0	14.2	13.8	13.3

Figure/Table 6.15.4 Male: 36-59 Months, Native American

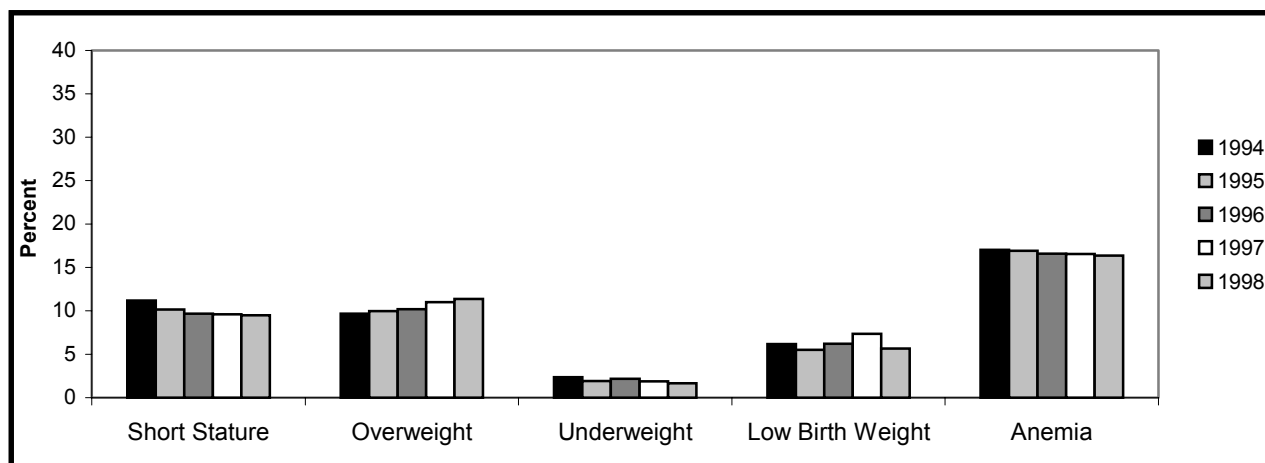


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.4	5.2	6.0	6.9	6.5
Overweight	13.9	14.1	10.8	15.9	13.0
Underweight	1.3	0.6	1.1	1.3	1.1
Low Birth Weight	2.5	6.3	4.0	4.9	10.5
Anemia	14.0	14.2	15.5	21.9	13.9

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

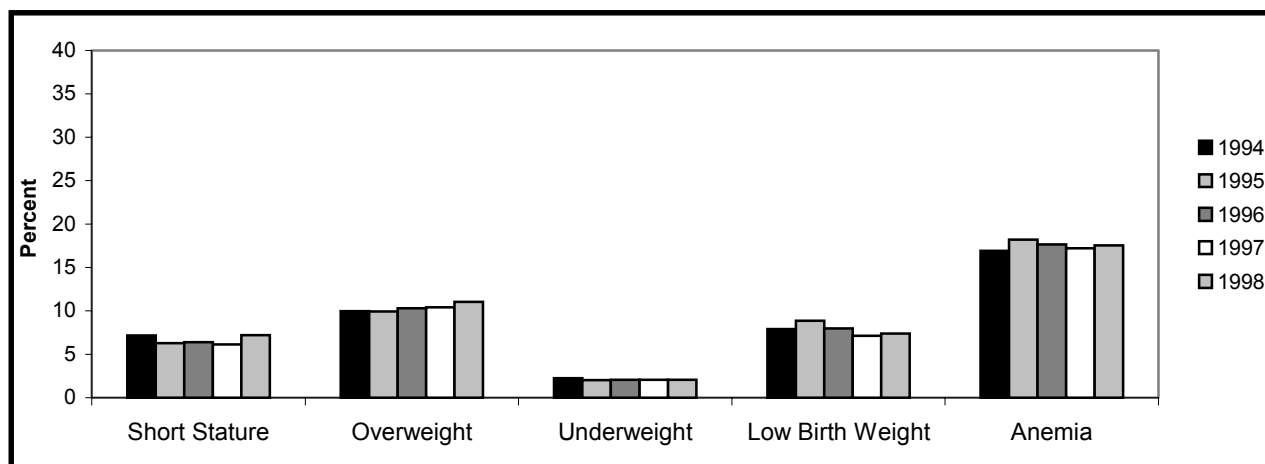
Figure/Table 6.15.5 Male: 36-59 Months, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	11.2	10.2	9.7	9.6	9.5
Overweight	9.7	10.0	10.2	11.0	11.4
Underweight	2.4	1.9	2.2	1.9	1.7
Low Birth Weight	6.2	5.5	6.2	7.3	5.7
Anemia	17.0	16.9	16.6	16.5	16.4

Figure/Table 6.15.6 Male: 36-59 Months, Other

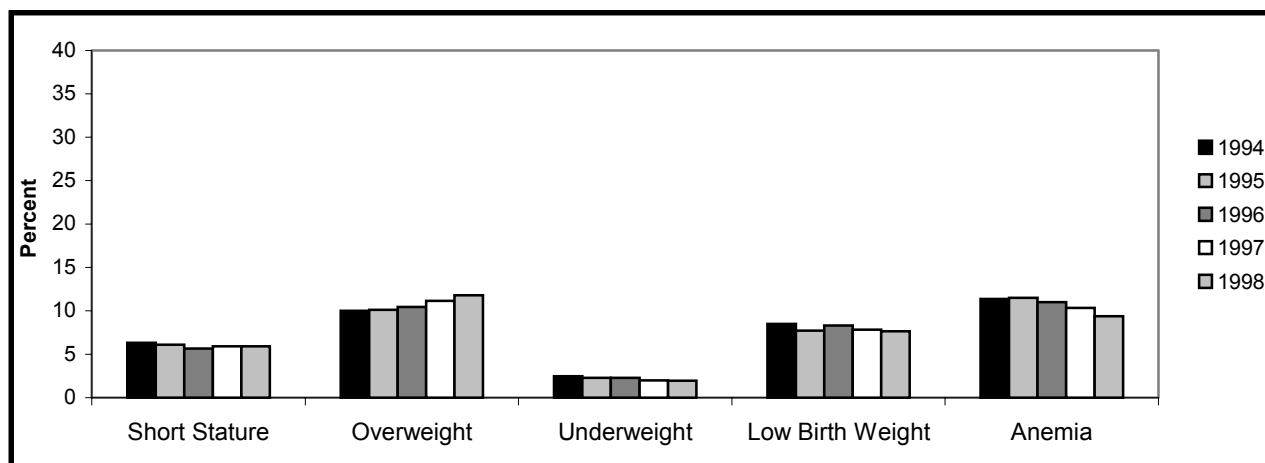


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.2	6.3	6.4	6.2	7.2
Overweight	10.0	9.9	10.3	10.4	11.0
Underweight	2.3	2.0	2.0	2.1	2.1
Low Birth Weight	7.9	8.9	8.0	7.1	7.4
Anemia	16.9	18.2	17.6	17.2	17.5

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

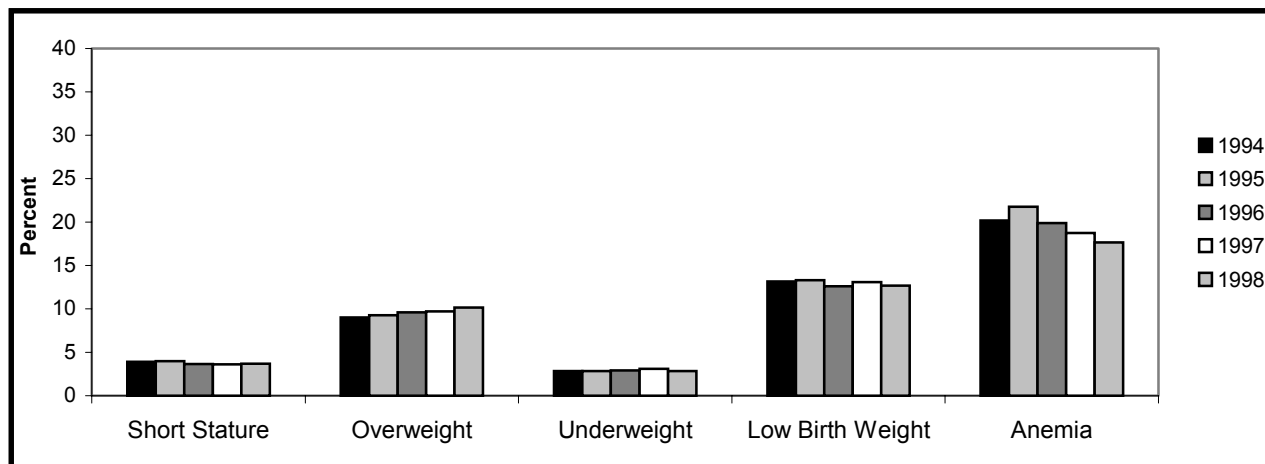
Figure/Table 6.16.1 Male: 5-9 Years, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.3	6.1	5.6	5.9	5.9
Overweight	10.0	10.1	10.4	11.1	11.8
Underweight	2.4	2.3	2.3	2.0	1.9
Low Birth Weight	8.5	7.7	8.3	7.8	7.7
Anemia	11.4	11.5	11.0	10.3	9.4

Figure/Table 6.16.2 Male: 5-9 Years, Black

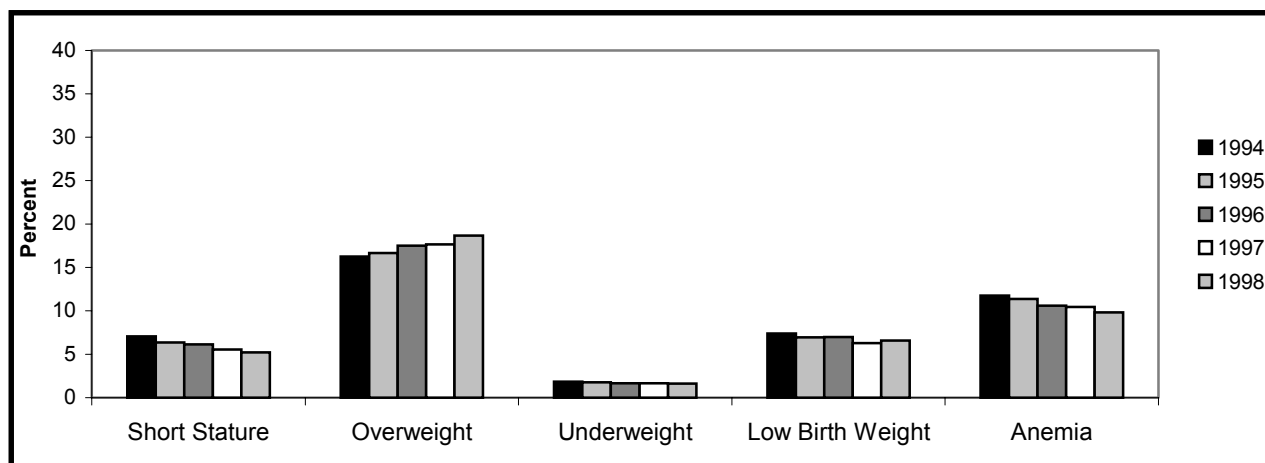


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	3.9	4.0	3.6	3.6	3.7
Overweight	9.0	9.3	9.6	9.7	10.2
Underweight	2.8	2.8	2.9	3.1	2.8
Low Birth Weight	13.2	13.3	12.6	13.1	12.7
Anemia	20.2	21.8	19.9	18.8	17.7

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

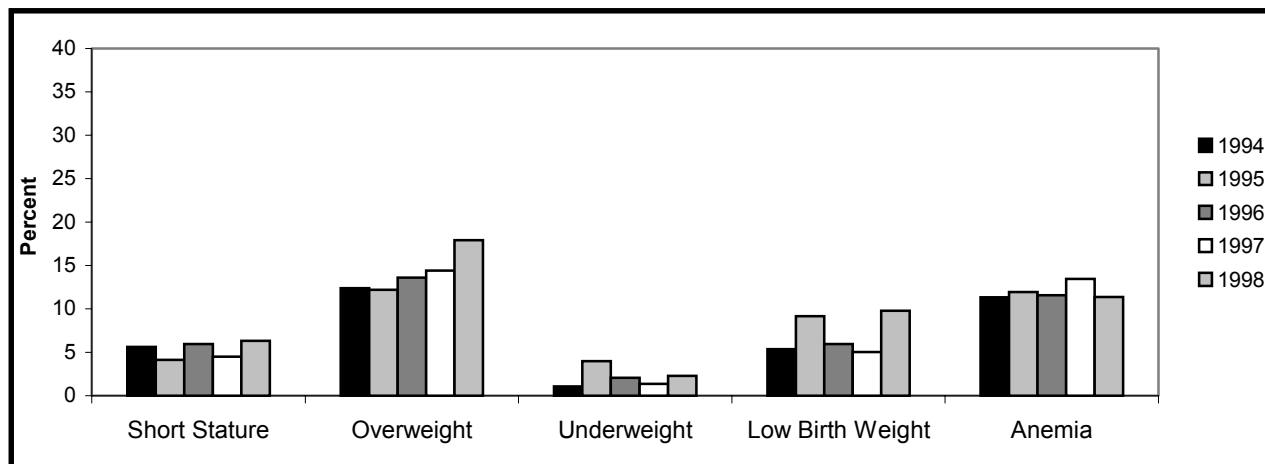
Figure/Table 6.16.3 Male: 5-9 Years, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.0	6.4	6.2	5.5	5.2
Overweight	16.3	16.7	17.5	17.6	18.7
Underweight	1.8	1.8	1.6	1.7	1.6
Low Birth Weight	7.4	7.0	7.0	6.3	6.6
Anemia	11.8	11.4	10.6	10.4	9.8

Figure/Table 6.16.4 Male: 5-9 Years, Native American

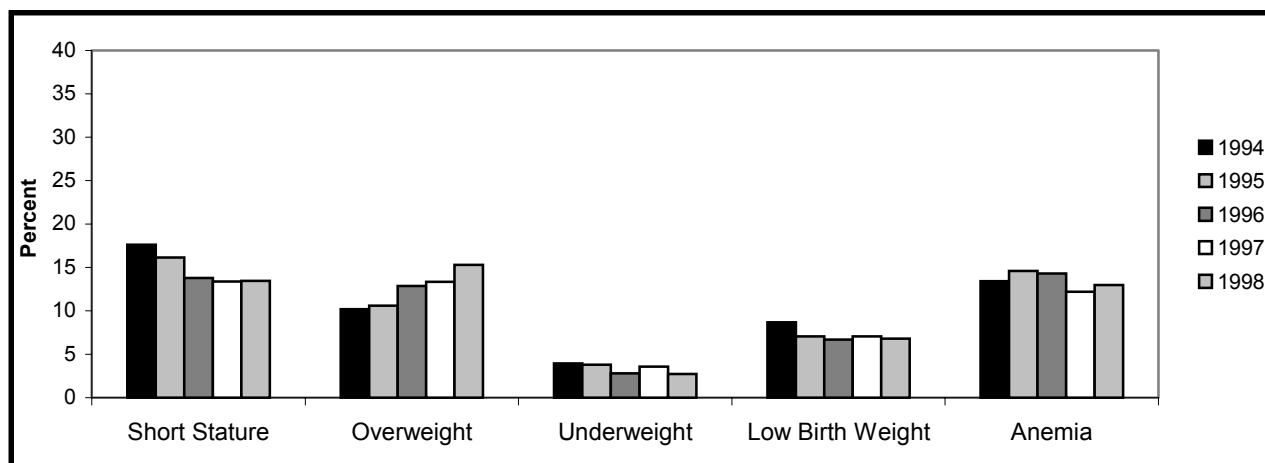


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.6	4.1	5.9	4.5	6.3
Overweight	12.4	12.2	13.6	14.4	17.9
Underweight	1.1	4.0	2.0	1.4	2.3
Low Birth Weight	5.4	9.2	5.9	5.1	9.8
Anemia	11.3	12.0	11.6	13.5	11.3

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

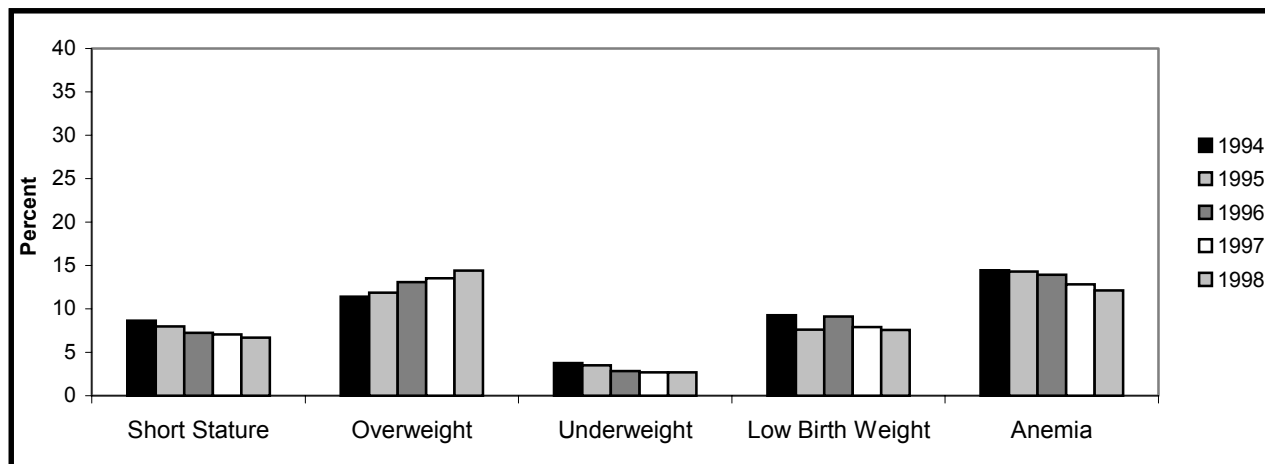
Figure/Table 6.16.5 Male: 5-9 Years, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	17.6	16.2	13.8	13.4	13.5
Overweight	10.2	10.6	12.9	13.3	15.3
Underweight	3.9	3.8	2.8	3.6	2.7
Low Birth Weight	8.7	7.1	6.7	7.1	6.8
Anemia	13.4	14.6	14.3	12.2	13.0

Figure/Table 6.16.6 Male: 5-9 Years, Other

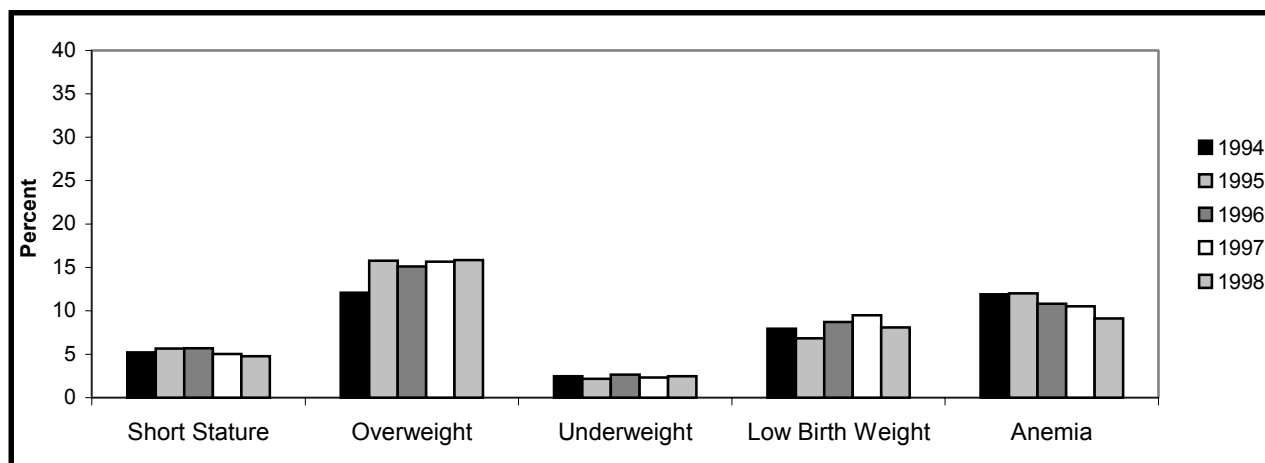


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	8.6	8.0	7.3	7.1	6.7
Overweight	11.4	11.9	13.1	13.5	14.4
Underweight	3.7	3.5	2.8	2.7	2.7
Low Birth Weight	9.3	7.6	9.1	7.9	7.6
Anemia	14.5	14.3	13.9	12.8	12.1

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

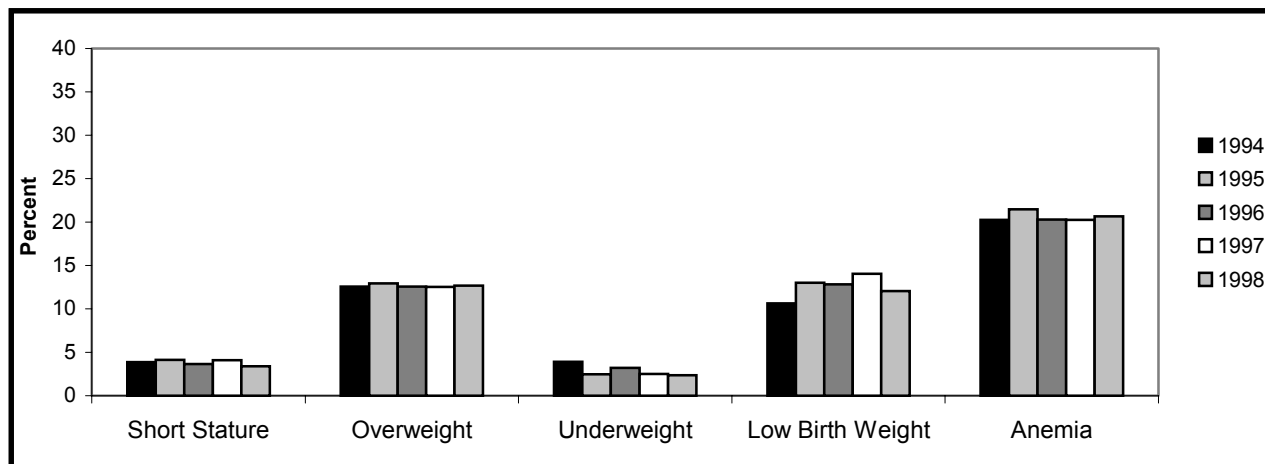
Figure/Table 6.17.1 Male: 10-12 Years, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.2	5.7	5.7	5.1	4.8
Overweight	12.1	15.8	15.1	15.7	15.9
Underweight	2.5	2.2	2.6	2.3	2.5
Low Birth Weight	8.0	6.8	8.7	9.5	8.1
Anemia	11.9	12.0	10.8	10.5	9.1

Figure/Table 6.17.2 Male: 10-12 Years, Black

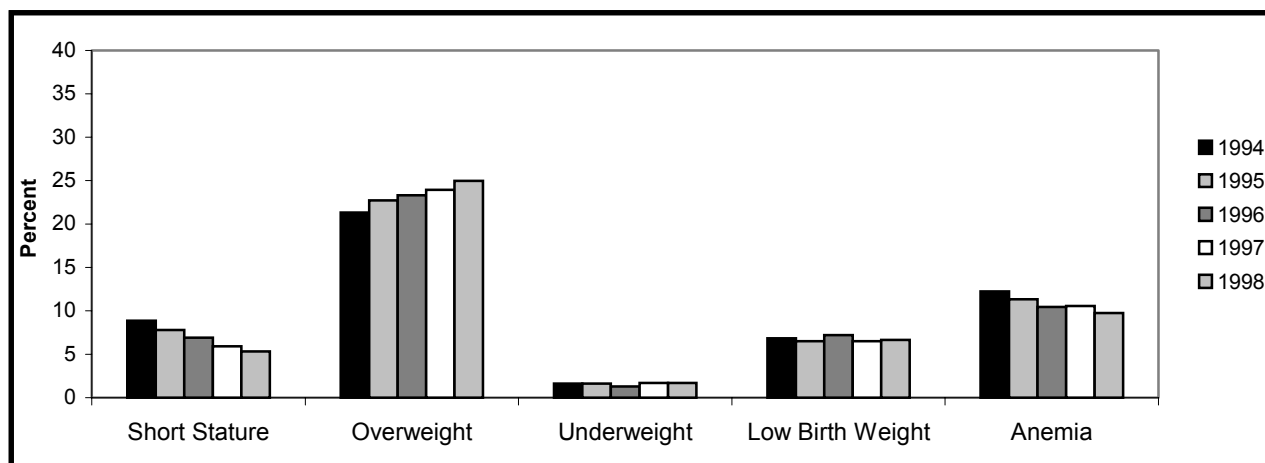


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	3.9	4.1	3.6	4.1	3.4
Overweight	12.6	12.9	12.6	12.5	12.7
Underweight	3.9	2.5	3.2	2.5	2.4
Low Birth Weight	10.6	13.0	12.8	14.1	12.1
Anemia	20.3	21.5	20.3	20.2	20.6

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

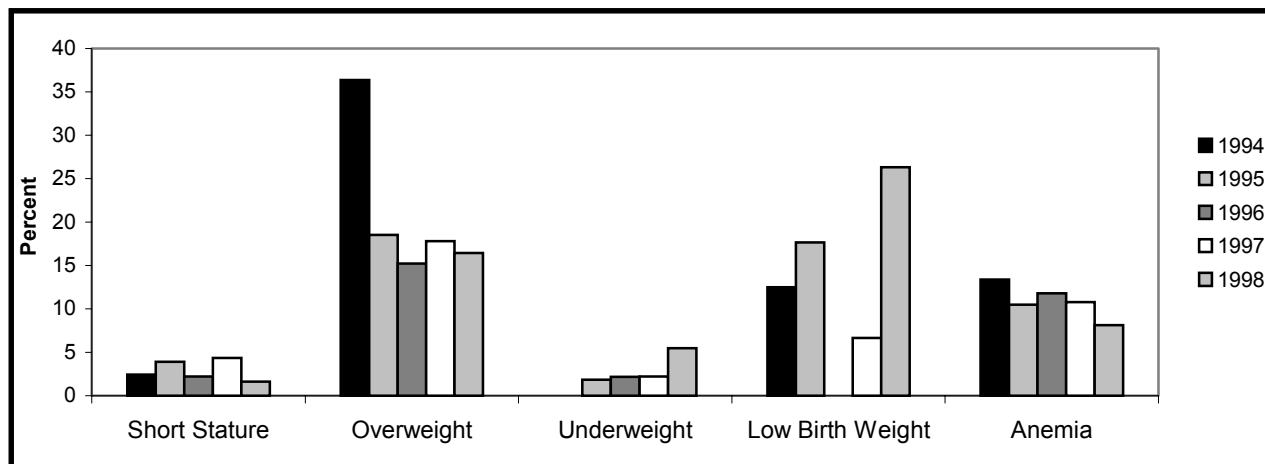
Figure/Table 6.17.3 Male: 10-12 Years, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	8.9	7.8	6.9	5.9	5.3
Overweight	21.3	22.7	23.3	23.9	25.0
Underweight	1.6	1.6	1.3	1.7	1.7
Low Birth Weight	6.8	6.5	7.2	6.5	6.6
Anemia	12.2	11.3	10.5	10.5	9.7

Figure/Table 6.17.4 Male: 10-12 Years, Native American

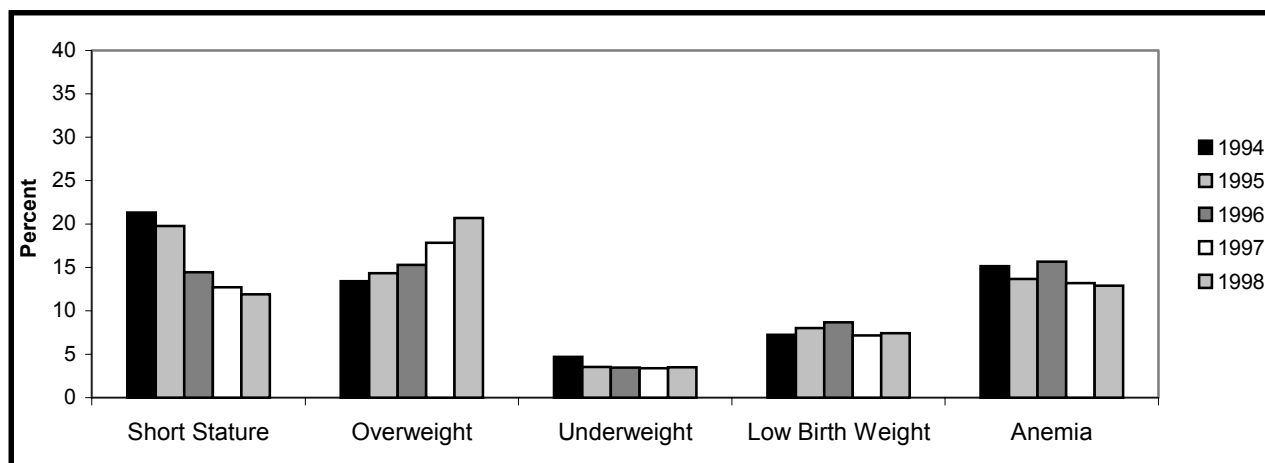


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	2.4	3.9	2.2	4.3	1.6
Overweight	36.4	18.5	15.2	17.8	16.4
Underweight	0.0	1.9	2.2	2.2	5.5
Low Birth Weight	12.5	17.6	0.0	6.7	26.3
Anemia	13.4	10.5	11.8	10.8	8.1

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

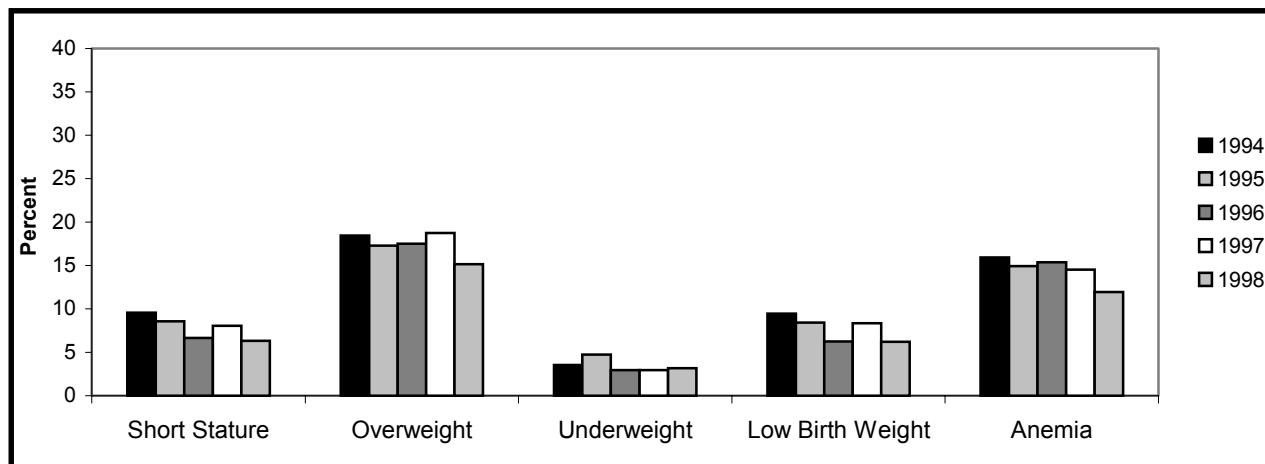
Figure/Table 6.17.5 Male: 10-12 Years, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	21.3	19.8	14.5	12.7	11.9
Overweight	13.4	14.3	15.3	17.8	20.7
Underweight	4.7	3.5	3.5	3.4	3.5
Low Birth Weight	7.2	8.0	8.7	7.2	7.4
Anemia	15.1	13.7	15.7	13.2	12.9

Figure/Table 6.17.6 Male: 10-12 Years, Other

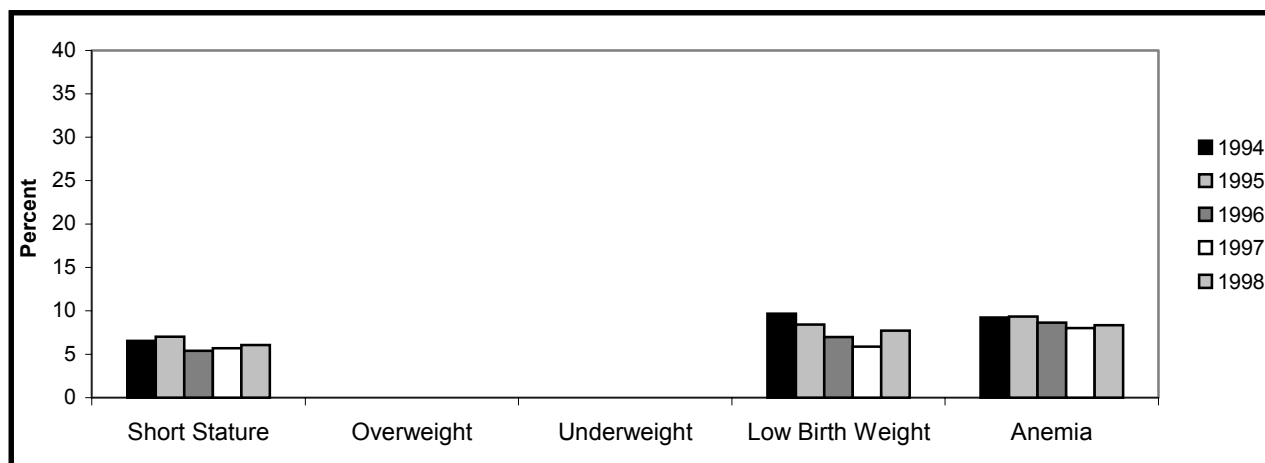


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.5	8.6	6.6	8.0	6.3
Overweight	18.5	17.3	17.5	18.8	15.2
Underweight	3.5	4.7	2.9	2.9	3.2
Low Birth Weight	9.4	8.4	6.3	8.3	6.2
Anemia	15.9	14.9	15.4	14.5	12.0

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

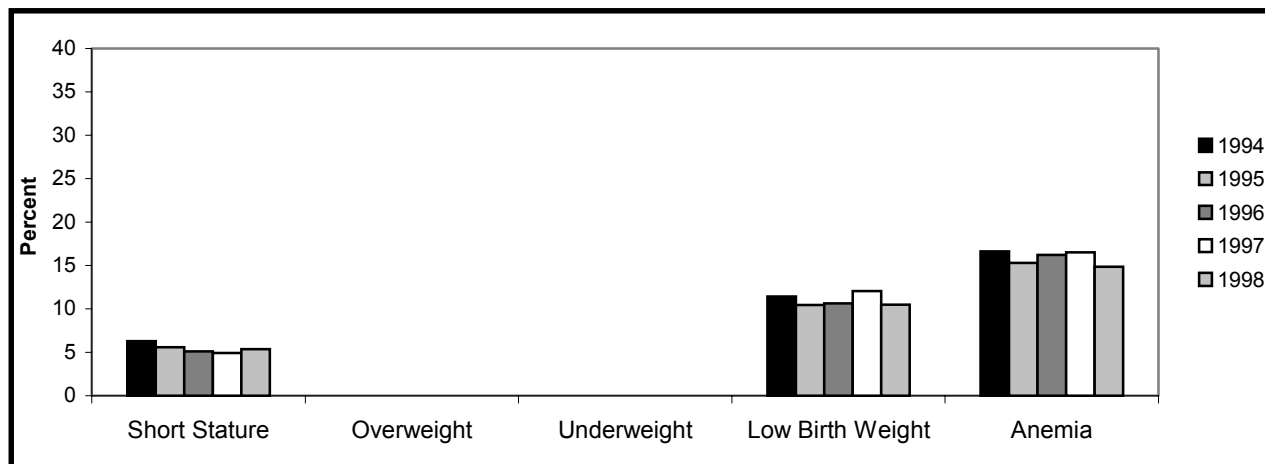
Figure/Table 6.18.1 Male: 13-17 Years, White



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.5	7.0	5.4	5.7	6.1
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	9.7	8.4	7.0	5.9	7.7
Anemia	9.2	9.3	8.6	8.0	8.4

Figure/Table 6.18.2 Male: 13-17 Years, Black

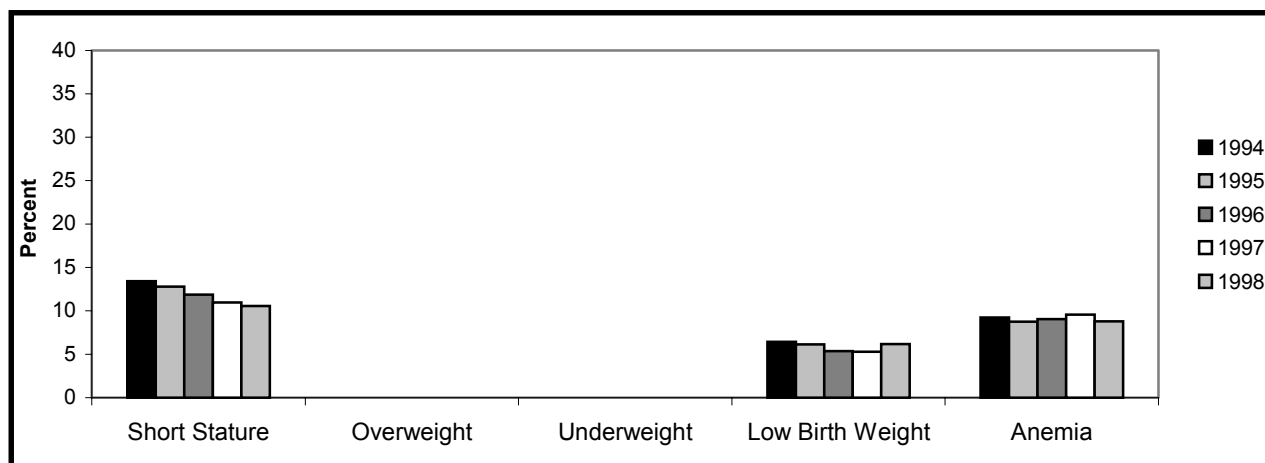


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.3	5.6	5.1	4.9	5.4
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	11.4	10.4	10.6	12.1	10.5
Anemia	16.6	15.3	16.2	16.5	14.9

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

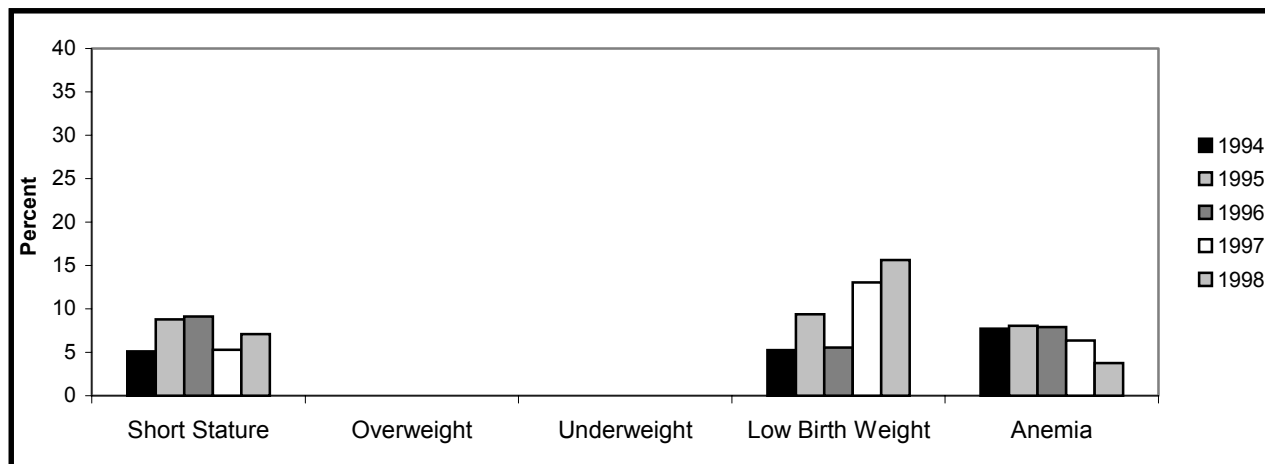
Figure/Table 6.18.3 Male: 13-17 Years, Hispanic



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	13.4	12.8	11.9	11.0	10.5
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	6.4	6.1	5.4	5.3	6.2
Anemia	9.2	8.8	9.0	9.5	8.8

Figure/Table 6.18.4 Male: 13-17 Years, Native American

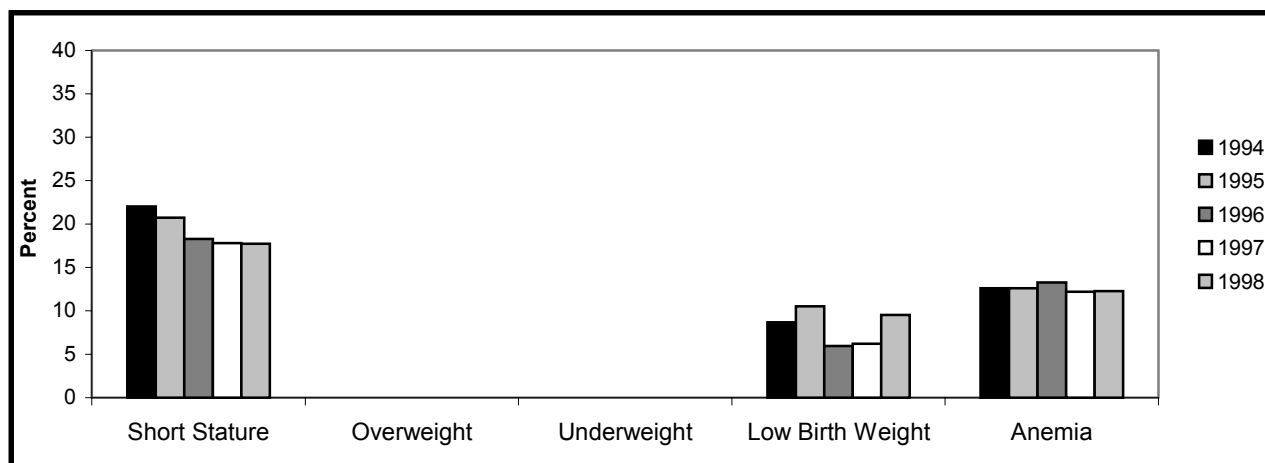


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.1	8.8	9.1	5.3	7.1
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	5.3	9.4	5.6	13.0	15.6
Anemia	7.7	8.1	7.9	6.4	3.7

**Figure/Table 6. Percent of Health Assessments
Exceeding National Standards on Five Nutritional Indicators, for Males**

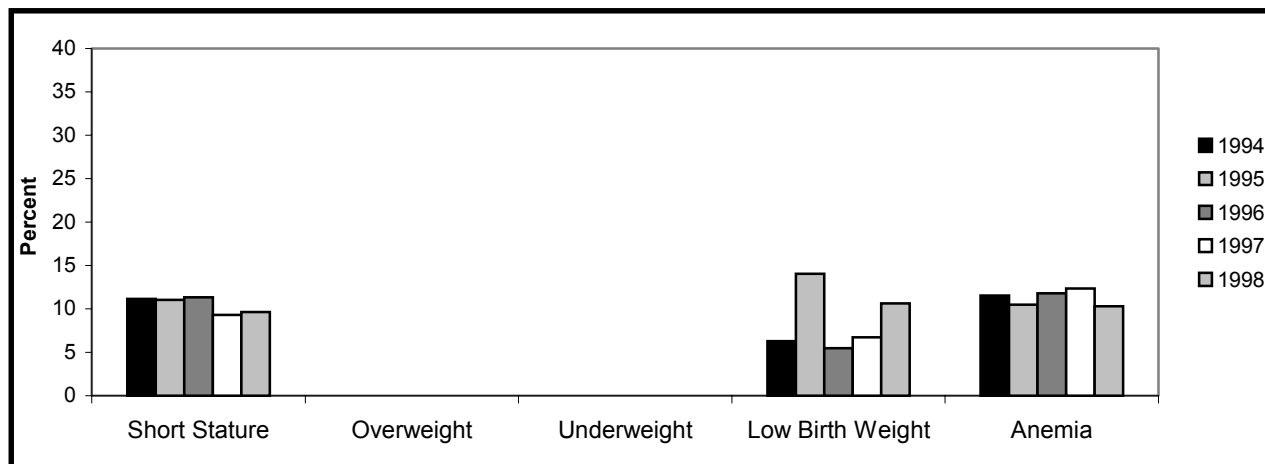
Figure/Table 6.18.5 Male: 13-17 Years, Asian



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	22.0	20.7	18.3	17.8	17.7
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	8.7	10.5	6.0	6.2	9.5
Anemia	12.6	12.6	13.3	12.2	12.3

Figure/Table 6.18.6 Male: 13-17 Years, Other



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	11.1	11.0	11.3	9.3	9.6
Overweight	*	*	*	*	*
Underweight	*	*	*	*	*
Low Birth Weight	6.3	14.0	5.5	6.7	10.6
Anemia	11.6	10.5	11.8	12.4	10.3

Figure/Table 6.19 Ranking of 90 Gender, Race, and Age Groups on the Percent of Health Assessments Exceeding National Standards for Five Nutritional Indicators, 1998

A note regarding the following figures and tables:

Missing data. Asterisks (*) in the tables and missing points in the graphs indicate that the data were not available. In some cases, sample sizes were too small for reliable estimates while in others the measure is not reported for the age group. Specifically, the CDC does not report anemia for infants 0 to 5 months and weight-for-height for females 10 and over and males 13 - 17.

Interpretation of age group differences. Readers are cautioned that age group differences observable in the figures are not the result of measurements on the same children over time and therefore cannot be interpreted as increases or decreases in a group of individuals.

**Table 6.19.1-2 Percent of Health Assessments Exceeding National Standards
for Short Stature by Gender, Race and Age, 1998 (in Rank Order)**

Short Stature	Gender	Age	Ethnicity	Short Stature	Gender	Age	Ethnicity	Short Stature	Gender	Age	Ethnicity
20.3%	Female	13-17 years	Asian/Pacific Islander	6.8%	Female	0-2 months	Asian/Pacific Islander	5.2%	Male	24-35 months	Black
17.7%	Male	13-17 years	Asian/Pacific Islander	6.8%	Male	12-23 months	White	5.2%	Male	5-9 years	Hispanic
13.5%	Male	5-9 years	Asian/Pacific Islander	6.6%	Male	6-11 months	Hispanic	5.1%	Female	36-59 months	Hispanic
13.2%	Male	0-2 months	Black	6.5%	Male	36-59 months	American Indian	5.1%	Male	36-59 months	Hispanic
13.1%	Male	12-23 months	Asian/Pacific Islander	6.4%	Female	0-2 months	White	5.0%	Female	12-23 months	American Indian
13.0%	Female	10-12 years	Asian/Pacific Islander	6.4%	Male	3-5 months	Asian/Pacific Islander	5.0%	Male	36-59 months	Black
12.7%	Female	0-2 months	Black	6.4%	Male	36-59 months	White	4.9%	Female	24-35 months	American Indian
11.9%	Male	10-12 years	Asian/Pacific Islander	6.3%	Male	0-2 months	Hispanic	4.8%	Female	6-11 months	Hispanic
11.5%	Female	13-17 years	Hispanic	6.3%	Male	5-9 years	American Indian	4.8%	Female	36-59 months	Black
11.2%	Male	6-11 months	Asian/Pacific Islander	6.2%	Male	6-11 months	White	4.8%	Male	10-12 years	White
10.5%	Male	6-11 months	Black	6.2%	Female	12-23 months	Hispanic	4.7%	Male	3-5 months	Hispanic
10.5%	Male	13-17 years	Hispanic	6.2%	Female	36-59 months	American Indian	4.7%	Female	3-5 months	American Indian
10.4%	Female	12-23 months	Asian/Pacific Islander	6.2%	Female	10-12 years	Hispanic	4.7%	Female	5-9 years	White
10.3%	Female	5-9 years	Asian/Pacific Islander	6.1%	Female	24-35 months	Asian/Pacific Islander	4.7%	Female	13-17 years	White
10.2%	Male	3-5 months	Black	6.1%	Male	13-17 years	White	4.7%	Female	13-17 years	Black
9.8%	Female	3-5 months	Black	6.0%	Male	24-35 months	American Indian	4.5%	Female	24-35 months	Black
9.7%	Male	12-23 months	Black	5.9%	Male	6-11 months	American Indian	4.4%	Female	3-5 months	Hispanic
9.5%	Male	36-59 months	Asian/Pacific Islander	5.9%	Female	12-23 months	White	4.4%	Female	5-9 years	Hispanic
8.9%	Female	13-17 years	American Indian	5.9%	Male	5-9 years	White	4.3%	Female	5-9 years	American Indian
8.4%	Male	0-2 months	American Indian	5.8%	Male	24-35 months	Asian/Pacific Islander	4.1%	Female	24-35 months	White
8.4%	Female	10-12 years	American Indian	5.8%	Female	36-59 months	White	3.9%	Male	3-5 months	American Indian
7.9%	Female	6-11 months	Black	5.8%	Female	10-12 years	White	3.9%	Female	6-11 months	American Indian
7.9%	Male	12-23 months	American Indian	5.7%	Female	0-2 months	Hispanic	3.8%	Male	24-35 months	White
7.9%	Female	36-59 months	Asian/Pacific Islander	5.6%	Female	3-5 months	Asian/Pacific Islander	3.8%	Female	24-35 months	Hispanic
7.8%	Female	12-23 months	Black	5.5%	Female	0-2 months	American Indian	3.8%	Male	24-35 months	Hispanic
7.7%	Female	6-11 months	Asian/Pacific Islander	5.4%	Male	3-5 months	White	3.7%	Male	5-9 years	Black
7.6%	Male	12-23 months	Hispanic	5.4%	Male	13-17 years	Black	3.7%	Female	10-12 years	Black
7.4%	Male	0-2 months	Asian/Pacific Islander	5.3%	Female	3-5 months	White	3.4%	Male	10-12 years	Black
7.1%	Male	13-17 years	American Indian	5.3%	Female	6-11 months	White	2.7%	Female	5-9 years	Black
6.8%	Male	0-2 months	White	5.3%	Male	10-12 years	Hispanic	1.6%	Male	10-12 years	American Indian

Figure 6.19.1 Percent of Health Assessments Exceeding National Standards for Short Stature by Race and Age, Females 1998

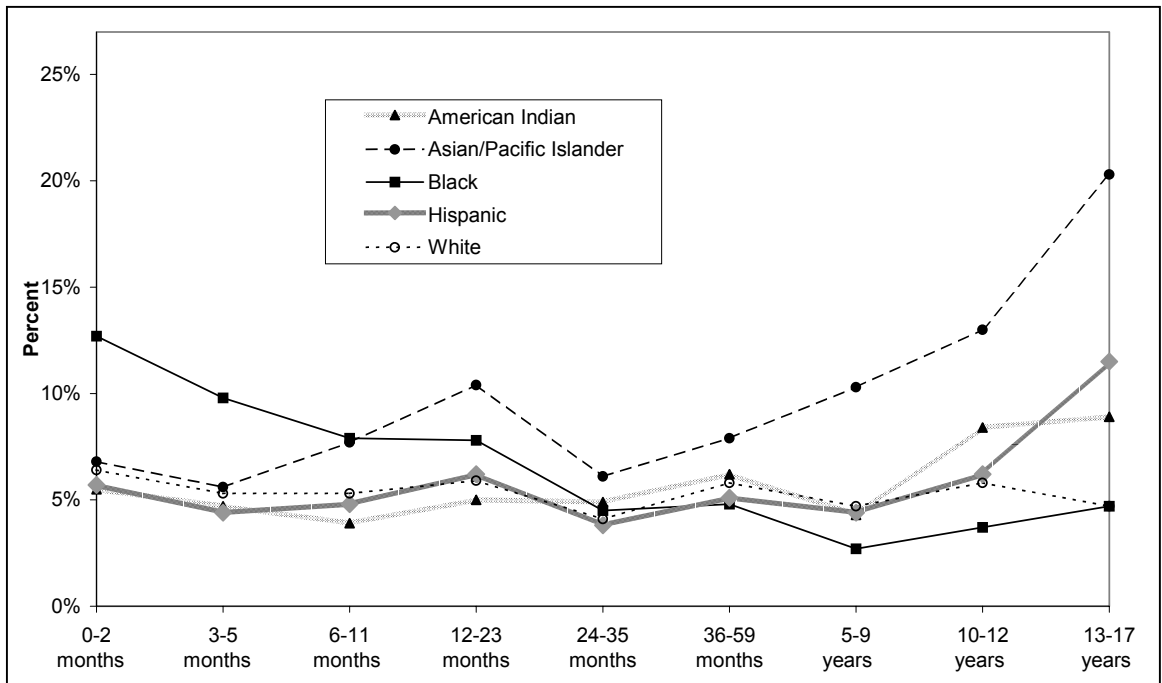
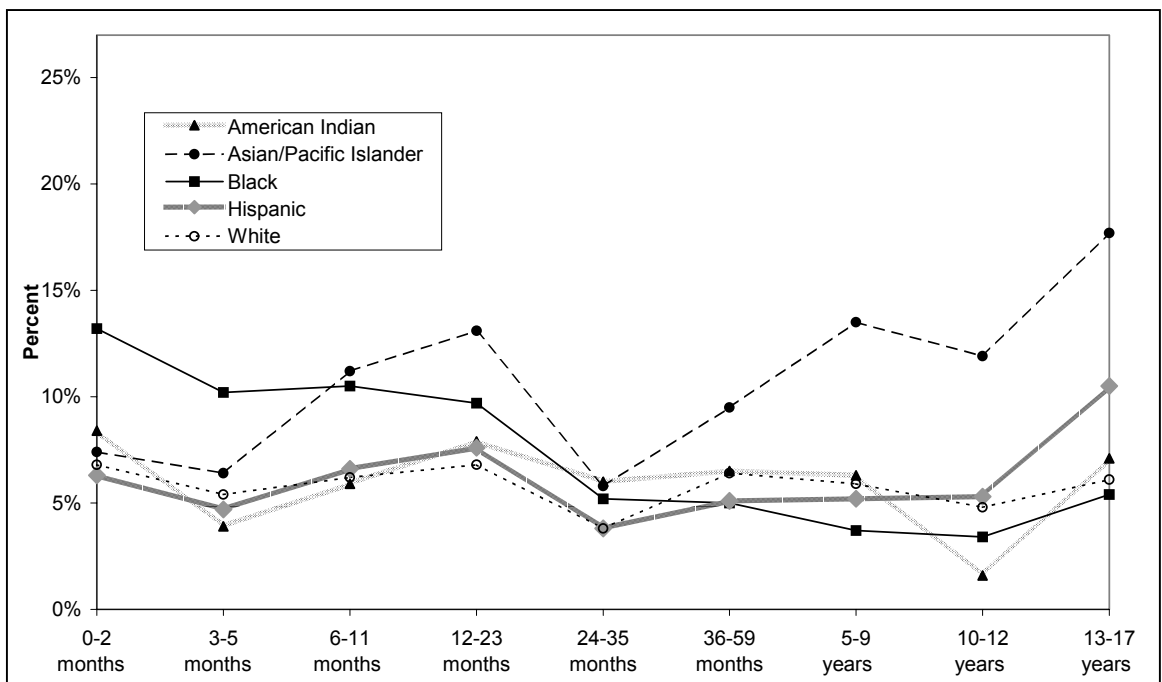


Figure 6.19.2 Percent of Health Assessments Exceeding National Standards for Short Stature by Race and Age, Males 1998



**Table 6.19.3-4 Percent of Health Assessments Exceeding National Standards
for Overweight by Gender, Race and Age, 1998 (in Rank Order)**

Overweight	Gender	Age	Ethnicity	Overweight	Gender	Age	Ethnicity	Overweight	Gender	Age	Ethnicity
25.0%	Male	10-12 years	Hispanic	13.6%	Female	12-23 months	Asian/Pacific Islander	9.5%	Male	0-2 months	Black
20.7%	Male	10-12 years	Asian/Pacific Islander	13.4%	Female	3-5 months	American Indian	9.5%	Male	36-59 months	White
20.0%	Female	12-23 months	Hispanic	13.4%	Male	36-59 months	Hispanic	9.3%	Male	36-59 months	Black
19.6%	Female	12-23 months	American Indian	13.2%	Female	5-9 years	White	9.2%	Female	36-59 months	Black
18.9%	Female	3-5 months	Hispanic	13.1%	Male	12-23 months	White	8.8%	Male	24-35 months	Asian/Pacific Islander
18.8%	Female	5-9 years	Hispanic	13.0%	Male	36-59 months	American Indian	8.4%	Female	0-2 months	American Indian
18.7%	Male	5-9 years	Hispanic	12.7%	Male	10-12 years	Black	8.4%	Male	6-11 months	White
18.5%	Female	5-9 years	American Indian	12.5%	Female	5-9 years	Black	8.1%	Male	6-11 months	Asian/Pacific Islander
17.9%	Male	5-9 years	American Indian	12.0%	Male	6-11 months	Hispanic	7.9%	Female	24-35 months	White
17.8%	Female	12-23 months	Black	11.8%	Female	24-35 months	Hispanic	7.7%	Male	24-35 months	White
17.5%	Male	12-23 months	American Indian	11.8%	Male	5-9 years	White	7.7%	Female	24-35 months	Black
17.1%	Female	3-5 months	Black	11.7%	Male	3-5 months	White	7.6%	Male	24-35 months	Black
17.1%	Male	12-23 months	Hispanic	11.5%	Female	5-9 years	Asian/Pacific Islander	6.9%	Female	0-2 months	White
16.7%	Male	3-5 months	Black	11.4%	Female	0-2 months	Hispanic	6.4%	Male	0-2 months	American Indian
16.7%	Female	6-11 months	American Indian	11.4%	Male	12-23 months	Asian/Pacific Islander	6.1%	Male	0-2 months	White
16.6%	Female	36-59 months	American Indian	11.4%	Male	36-59 months	Asian/Pacific Islander	*	Female	10-12 years	White
16.4%	Male	3-5 months	Hispanic	11.3%	Female	0-2 months	Asian/Pacific Islander	*	Female	10-12 years	Black
16.4%	Male	10-12 years	American Indian	11.3%	Male	0-2 months	Asian/Pacific Islander	*	Female	10-12 years	Hispanic
16.2%	Female	3-5 months	Asian/Pacific Islander	11.2%	Female	36-59 months	Asian/Pacific Islander	*	Female	10-12 years	American Indian
15.9%	Male	10-12 years	White	10.9%	Male	0-2 months	Hispanic	*	Female	10-12 years	Asian/Pacific Islander
15.7%	Male	12-23 months	Black	10.9%	Female	24-35 months	American Indian	*	Female	13-17 years	White
15.7%	Male	24-35 months	American Indian	10.9%	Female	24-35 months	Asian/Pacific Islander	*	Male	13-17 years	White
15.3%	Male	5-9 years	Asian/Pacific Islander	10.4%	Female	6-11 months	Asian/Pacific Islander	*	Female	13-17 years	Black
15.0%	Male	3-5 months	Asian/Pacific Islander	10.3%	Male	6-11 months	American Indian	*	Male	13-17 years	Black
14.9%	Female	6-11 months	Hispanic	10.2%	Female	6-11 months	White	*	Female	13-17 years	Hispanic
14.6%	Male	3-5 months	American Indian	10.2%	Male	6-11 months	Black	*	Male	13-17 years	Hispanic
14.5%	Female	36-59 months	Hispanic	10.2%	Male	24-35 months	Hispanic	*	Female	13-17 years	American Indian
14.3%	Female	6-11 months	Black	10.2%	Male	5-9 years	Black	*	Male	13-17 years	American Indian
13.8%	Female	3-5 months	White	10.0%	Female	36-59 months	White	*	Female	13-17 years	Asian/Pacific Islander
13.7%	Female	12-23 months	White	9.9%	Female	0-2 months	Black	*	Male	13-17 years	Asian/Pacific Islander

Figure 6.19.3 Percent of Health Assessments Exceeding National Standards for Overweight by Race and Age, Females 1998

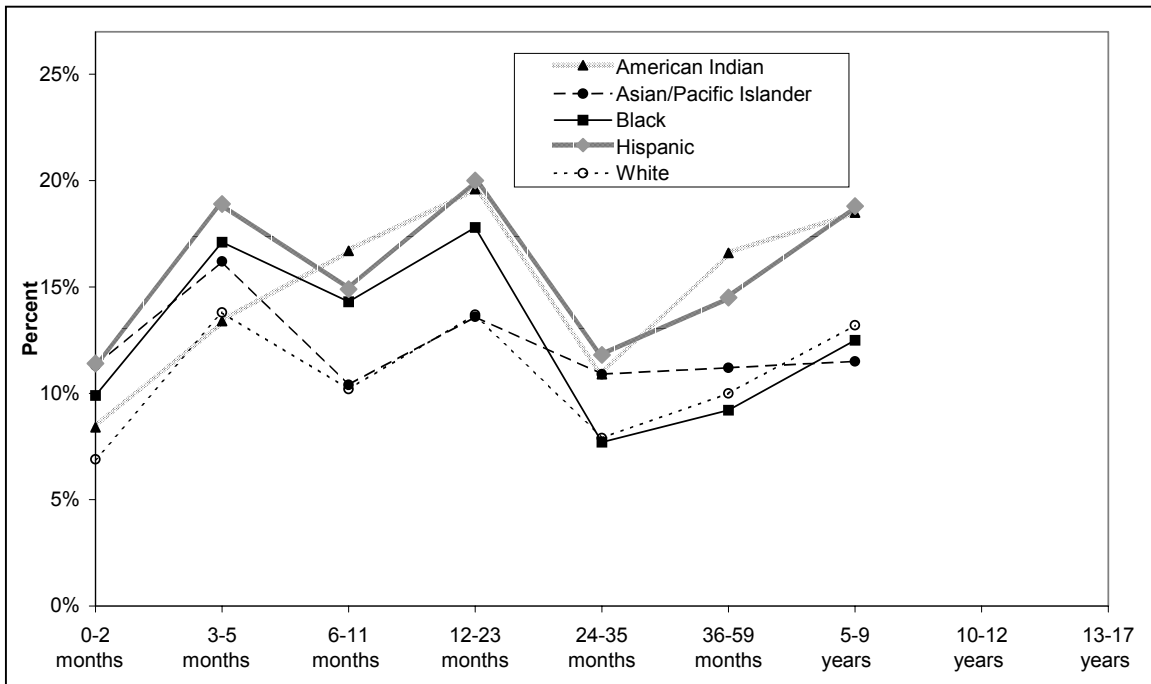
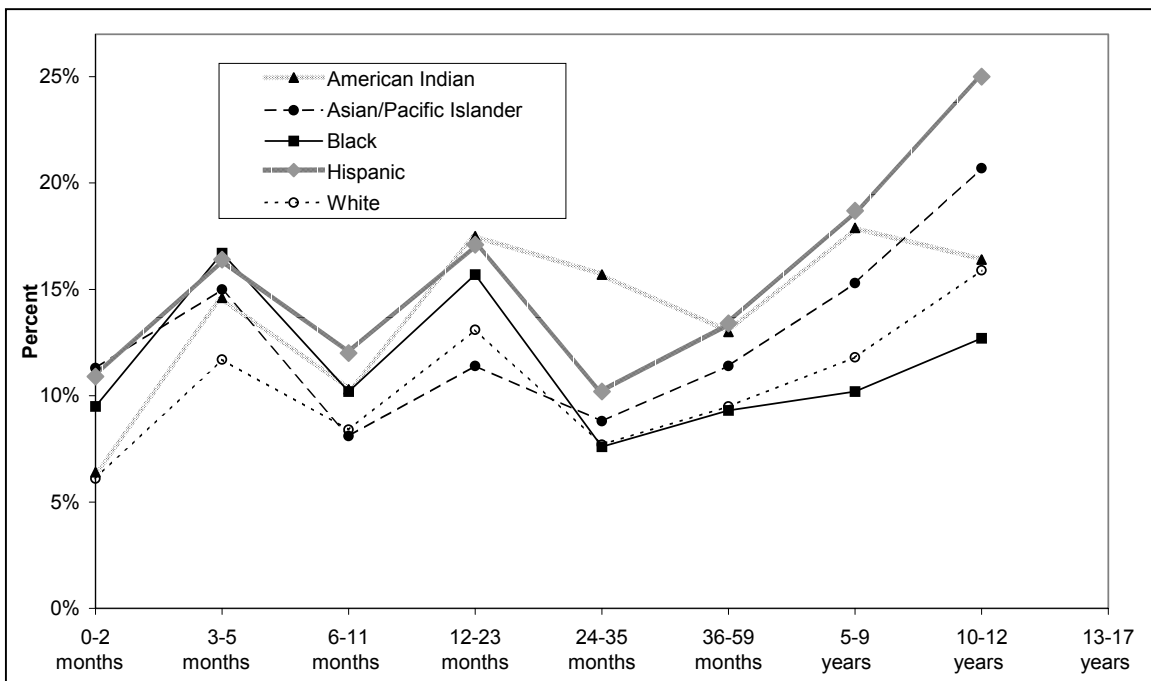


Figure 6.19.4 Percent of Health Assessments Exceeding National Standards for Overweight by Race and Age, Males 1998



**Table 6.19.5-6 Percent of Health Assessments Exceeding National Standards
for Underweight by Gender, Race and Age, 1998 (in Rank Order)**

Underweight	Gender	Age	Ethnicity	Underweight	Gender	Age	Ethnicity	Underweight	Gender	Age	Ethnicity
5.5%	Male	6-11 months	White	2.7%	Male	5-9 years	Asian/Pacific Islander	1.6%	Female	24-35 months	Hispanic
5.5%	Male	10-12 years	American Indian	2.6%	Male	0-2 months	American Indian	1.6%	Male	24-35 months	Hispanic
4.9%	Male	12-23 months	White	2.6%	Female	24-35 months	White	1.6%	Male	5-9 years	Hispanic
4.7%	Female	12-23 months	White	2.6%	Female	5-9 years	American Indian	1.5%	Female	0-2 months	Asian/Pacific Islander
4.6%	Male	6-11 months	Black	2.5%	Male	3-5 months	American Indian	1.5%	Female	36-59 months	White
4.3%	Male	12-23 months	Asian/Pacific Islander	2.5%	Female	5-9 years	Black	1.5%	Female	5-9 years	Hispanic
4.2%	Female	6-11 months	Black	2.5%	Male	10-12 years	White	1.4%	Male	36-59 months	White
4.2%	Male	12-23 months	Black	2.4%	Male	3-5 months	Hispanic	1.3%	Male	0-2 months	Asian/Pacific Islander
4.0%	Male	3-5 months	White	2.4%	Female	6-11 months	Hispanic	1.3%	Female	3-5 months	American Indian
4.0%	Female	6-11 months	White	2.4%	Female	12-23 months	Hispanic	1.3%	Female	24-35 months	American Indian
3.8%	Male	6-11 months	Asian/Pacific Islander	2.4%	Male	10-12 years	Black	1.3%	Male	24-35 months	American Indian
3.5%	Female	12-23 months	Asian/Pacific Islander	2.3%	Male	24-35 months	White	1.3%	Female	36-59 months	American Indian
3.5%	Male	10-12 years	Asian/Pacific Islander	2.3%	Female	36-59 months	Black	1.2%	Male	36-59 months	Hispanic
3.4%	Female	12-23 months	Black	2.3%	Male	36-59 months	Black	1.1%	Female	36-59 months	Hispanic
3.3%	Male	3-5 months	Black	2.3%	Male	5-9 years	American Indian	1.1%	Male	36-59 months	American Indian
3.3%	Male	6-11 months	Hispanic	2.2%	Male	0-2 months	Black	*	Female	10-12 years	White
3.3%	Female	5-9 years	Asian/Pacific Islander	2.1%	Female	24-35 months	Asian/Pacific Islander	*	Female	10-12 years	Black
3.2%	Female	0-2 months	White	1.9%	Female	0-2 months	Hispanic	*	Female	10-12 years	Hispanic
3.2%	Female	12-23 months	American Indian	1.9%	Female	3-5 months	Hispanic	*	Female	10-12 years	American Indian
3.1%	Female	24-35 months	Black	1.9%	Male	3-5 months	Asian/Pacific Islander	*	Female	10-12 years	Asian/Pacific Islander
3.0%	Male	0-2 months	White	1.9%	Female	5-9 years	White	*	Female	13-17 years	White
3.0%	Female	3-5 months	White	1.9%	Male	5-9 years	White	*	Male	13-17 years	White
3.0%	Female	3-5 months	Black	1.8%	Female	6-11 months	American Indian	*	Female	13-17 years	Black
3.0%	Female	6-11 months	Asian/Pacific Islander	1.8%	Female	36-59 months	Asian/Pacific Islander	*	Male	13-17 years	Black
2.9%	Male	12-23 months	Hispanic	1.7%	Female	3-5 months	Asian/Pacific Islander	*	Female	13-17 years	Hispanic
2.9%	Male	24-35 months	Black	1.7%	Male	24-35 months	Asian/Pacific Islander	*	Male	13-17 years	Hispanic
2.8%	Male	6-11 months	American Indian	1.7%	Male	36-59 months	Asian/Pacific Islander	*	Female	13-17 years	American Indian
2.8%	Male	5-9 years	Black	1.7%	Male	10-12 years	Hispanic	*	Male	13-17 years	American Indian
2.7%	Female	0-2 months	Black	1.6%	Male	0-2 months	Hispanic	*	Female	13-17 years	Asian/Pacific Islander
2.7%	Male	12-23 months	American Indian	1.6%	Female	0-2 months	American Indian	*	Male	13-17 years	Asian/Pacific Islander

Figure 6.19.5 Percent of Health Assessments Exceeding National Standards for Underweight by Race and Age, Females 1998

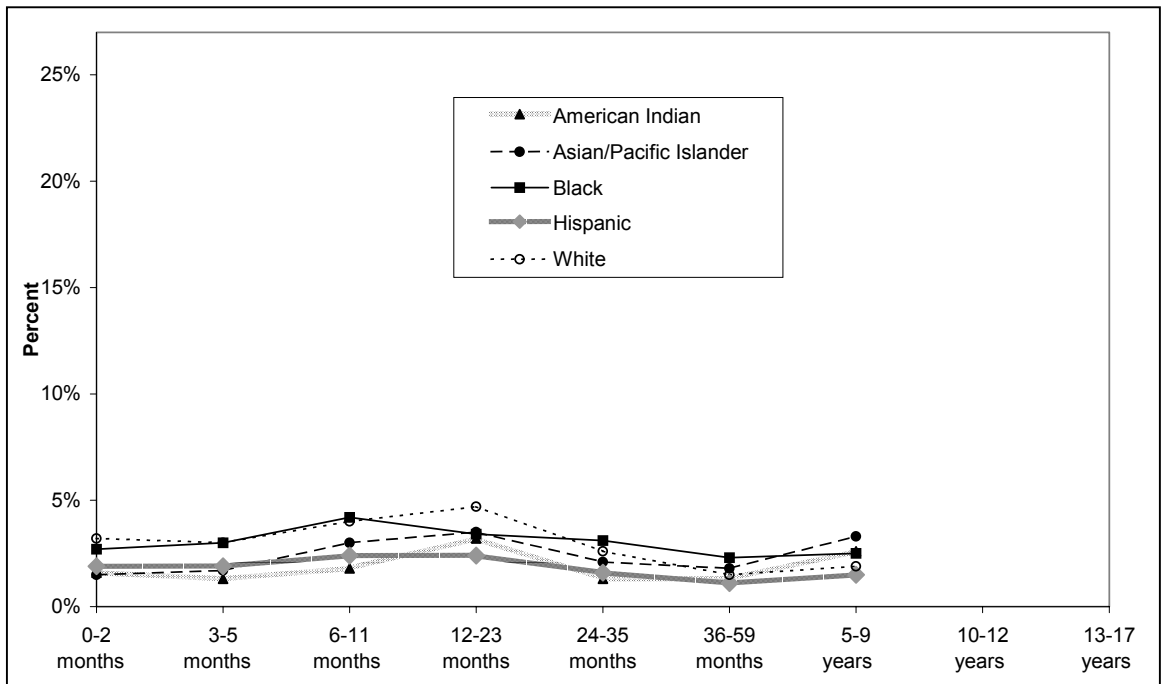
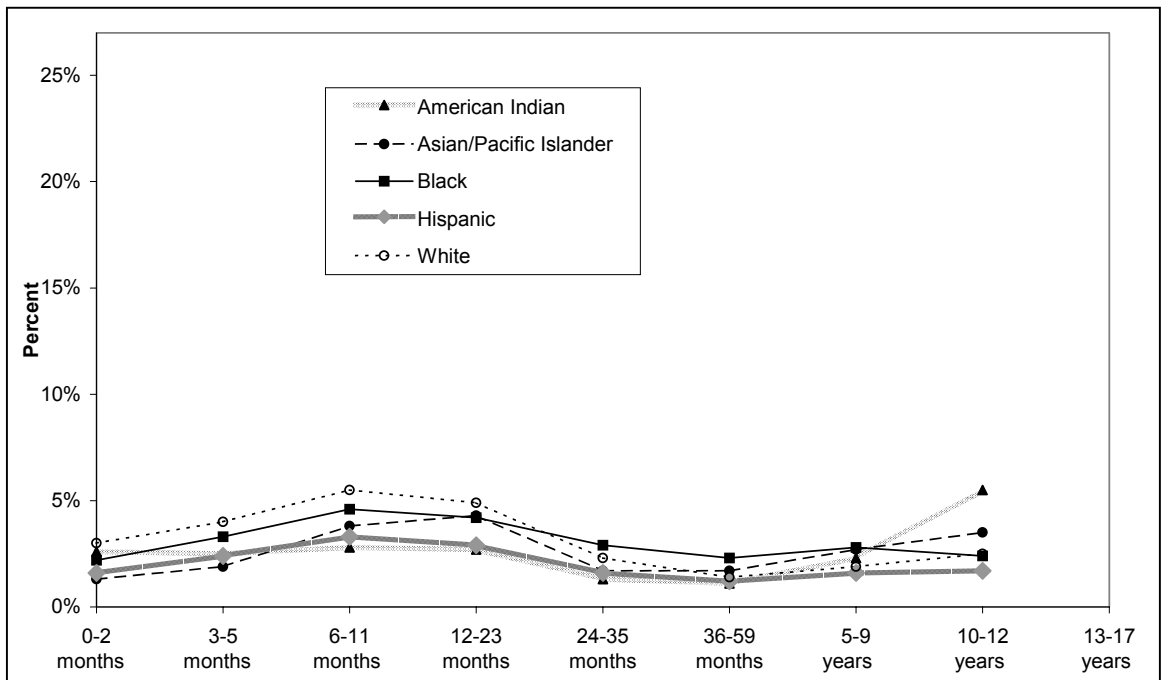


Figure 6.19.6 Percent of Health Assessments Exceeding National Standards for Underweight by Race and Age, Males 1998



**Table 6.19.7-8 Percent of Health Assessments Exceeding National Standards
for Low Birth Weight by Gender, Race and Age, 1998 (in Rank Order)**

Low Birth Weight	Gender	Age	Ethnicity	Low Birth Weight	Gender	Age	Ethnicity	Low Birth Weight	Gender	Age	Ethnicity
26.3%	Male	10-12 years	American Indian	8.2%	Female	6-11 months	American Indian	6.6%	Male	3-5 months	White
18.0%	Female	10-12 years	Black	8.1%	Female	5-9 years	White	6.6%	Male	3-5 months	Asian/Pacific Islander
15.7%	Female	5-9 years	Black	8.1%	Male	10-12 years	White	6.6%	Male	5-9 years	Hispanic
15.6%	Male	13-17 years	American Indian	8.0%	Female	12-23 months	White	6.6%	Male	10-12 years	Hispanic
14.3%	Female	13-17 years	Black	7.9%	Female	6-11 months	White	6.5%	Female	0-2 months	White
13.8%	Female	24-35 months	Black	7.9%	Male	6-11 months	Asian/Pacific Islander	6.5%	Female	12-23 months	Hispanic
13.7%	Female	6-11 months	Black	7.9%	Female	36-59 months	Asian/Pacific Islander	6.4%	Female	3-5 months	Hispanic
13.6%	Female	3-5 months	Black	7.9%	Female	10-12 years	Asian/Pacific Islander	6.3%	Female	0-2 months	Asian/Pacific Islander
13.5%	Female	12-23 months	Black	7.8%	Female	24-35 months	American Indian	6.3%	Female	6-11 months	Hispanic
13.3%	Female	36-59 months	Black	7.8%	Female	13-17 years	Hispanic	6.3%	Male	24-35 months	Hispanic
13.1%	Male	24-35 months	Black	7.7%	Male	5-9 years	White	6.3%	Male	36-59 months	Hispanic
12.7%	Male	5-9 years	Black	7.7%	Female	10-12 years	Hispanic	6.2%	Male	6-11 months	White
12.1%	Male	10-12 years	Black	7.7%	Male	13-17 years	White	6.2%	Male	13-17 years	Hispanic
11.9%	Female	0-2 months	Black	7.7%	Female	13-17 years	American Indian	6.1%	Male	24-35 months	American Indian
11.9%	Male	12-23 months	Black	7.6%	Female	3-5 months	Asian/Pacific Islander	5.9%	Female	0-2 months	American Indian
11.5%	Male	6-11 months	Black	7.6%	Female	6-11 months	Asian/Pacific Islander	5.9%	Male	0-2 months	Asian/Pacific Islander
11.5%	Male	36-59 months	Black	7.4%	Female	5-9 years	Hispanic	5.8%	Female	5-9 years	American Indian
11.4%	Male	3-5 months	Black	7.4%	Male	10-12 years	Asian/Pacific Islander	5.7%	Male	36-59 months	Asian/Pacific Islander
10.7%	Female	5-9 years	Asian/Pacific Islander	7.3%	Female	24-35 months	Asian/Pacific Islander	5.5%	Male	0-2 months	White
10.5%	Male	36-59 months	American Indian	7.2%	Female	3-5 months	White	5.5%	Female	0-2 months	Hispanic
10.5%	Female	13-17 years	White	7.1%	Female	24-35 months	Hispanic	5.5%	Male	6-11 months	Hispanic
10.5%	Male	13-17 years	Black	7.1%	Male	36-59 months	White	5.5%	Male	12-23 months	Hispanic
10.5%	Female	13-17 years	Asian/Pacific Islander	7.1%	Female	36-59 months	Hispanic	5.4%	Male	3-5 months	Hispanic
9.9%	Male	0-2 months	Black	7.1%	Female	36-59 months	American Indian	4.6%	Male	0-2 months	Hispanic
9.8%	Male	5-9 years	American Indian	7.0%	Male	12-23 months	Asian/Pacific Islander	4.5%	Female	3-5 months	American Indian
9.5%	Male	13-17 years	Asian/Pacific Islander	6.9%	Male	24-35 months	White	4.5%	Male	12-23 months	American Indian
9.4%	Female	10-12 years	American Indian	6.9%	Male	24-35 months	Asian/Pacific Islander	4.0%	Male	3-5 months	American Indian
9.2%	Female	10-12 years	White	6.8%	Male	12-23 months	White	3.9%	Male	0-2 months	American Indian
9.1%	Female	36-59 months	White	6.8%	Female	12-23 months	Asian/Pacific Islander	3.0%	Female	12-23 months	American Indian
8.8%	Female	24-35 months	White	6.8%	Male	5-9 years	Asian/Pacific Islander	1.0%	Male	6-11 months	American Indian

Figure 6.19.7 Percent of Health Assessments Exceeding National Standards for Low Birth Weight by Race and Age, Females 1998

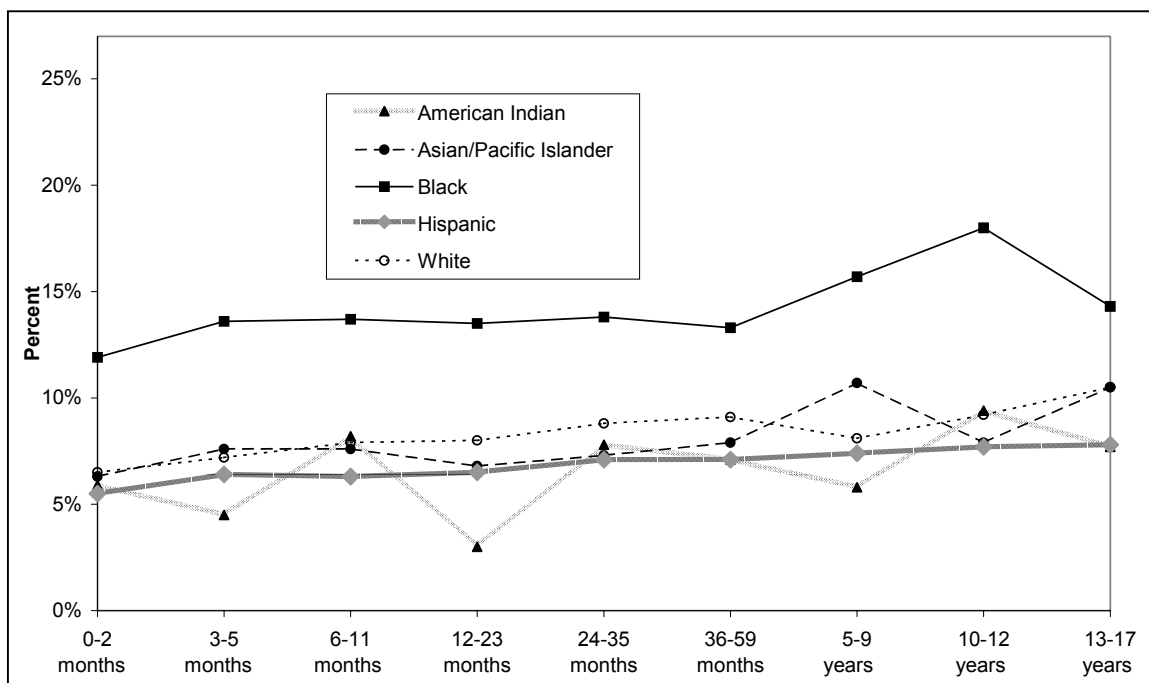
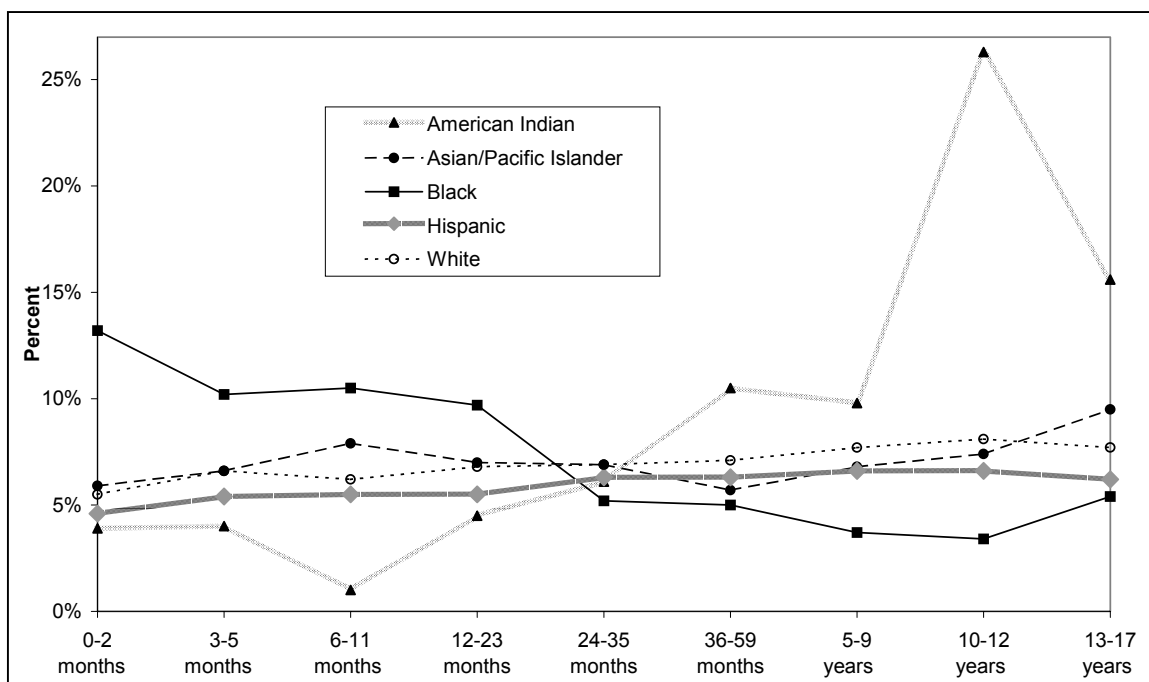


Figure 6.19.8 Percent of Health Assessments Exceeding National Standards for Low Birth Weight by Race and Age, Males 1998



**Table 6.19.9-10 Percent of Health Assessments Exceeding National Standards
for Anemia by Gender, Race and Age, 1998 (in Rank Order)**

Anemia	Gender	Age	Ethnicity	Anemia	Gender	Age	Ethnicity	Anemia	Gender	Age	Ethnicity
26.1%	Male	24-35 months	Black	16.1%	Male	24-35 months	White	9.1%	Male	10-12 years	White
24.8%	Male	12-23 months	American Indian	16.0%	Female	10-12 years	Black	8.8%	Male	13-17 years	Hispanic
23.9%	Male	6-11 months	American Indian	15.5%	Female	6-11 months	White	8.6%	Female	13-17 years	American Indian
23.9%	Female	24-35 months	Black	15.5%	Female	12-23 months	Hispanic	8.4%	Male	13-17 years	White
23.2%	Male	24-35 months	American Indian	14.9%	Female	12-23 months	White	8.1%	Male	10-12 years	American Indian
22.7%	Male	12-23 months	Black	14.9%	Male	13-17 years	Black	7.4%	Female	10-12 years	White
22.1%	Male	24-35 months	Asian/Pacific Islander	14.7%	Female	36-59 months	Asian/Pacific Islander	7.4%	Female	10-12 years	Hispanic
22.0%	Male	36-59 months	Black	14.5%	Male	6-11 months	Asian/Pacific Islander	7.4%	Female	13-17 years	White
21.8%	Female	12-23 months	Black	14.4%	Male	6-11 months	White	6.3%	Female	10-12 years	American Indian
21.4%	Female	24-35 months	Asian/Pacific Islander	14.3%	Female	36-59 months	American Indian	3.7%	Male	13-17 years	American Indian
21.0%	Female	24-35 months	American Indian	14.2%	Female	6-11 months	Asian/Pacific Islander	*	Female	0-2 months	White
20.9%	Female	36-59 months	Black	14.2%	Female	5-9 years	Asian/Pacific Islander	*	Male	0-2 months	White
20.6%	Male	10-12 years	Black	13.9%	Male	36-59 months	American Indian	*	Female	0-2 months	Black
20.3%	Female	13-17 years	Black	13.3%	Male	36-59 months	Hispanic	*	Male	0-2 months	Black
20.1%	Female	6-11 months	Black	13.0%	Male	5-9 years	Asian/Pacific Islander	*	Female	0-2 months	Hispanic
19.4%	Female	6-11 months	American Indian	12.9%	Male	36-59 months	White	*	Male	0-2 months	Hispanic
19.0%	Male	6-11 months	Black	12.9%	Female	36-59 months	White	*	Female	0-2 months	American Indian
18.4%	Female	12-23 months	American Indian	12.9%	Male	10-12 years	Asian/Pacific Islander	*	Male	0-2 months	American Indian
18.4%	Male	12-23 months	Asian/Pacific Islander	12.6%	Female	36-59 months	Hispanic	*	Female	0-2 months	Asian/Pacific Islander
17.7%	Male	5-9 years	Black	12.3%	Male	13-17 years	Asian/Pacific Islander	*	Male	0-2 months	Asian/Pacific Islander
17.4%	Female	12-23 months	Asian/Pacific Islander	11.3%	Male	5-9 years	American Indian	*	Female	3-5 months	White
17.4%	Male	24-35 months	Hispanic	11.3%	Female	13-17 years	Asian/Pacific Islander	*	Male	3-5 months	White
17.0%	Female	6-11 months	Hispanic	9.8%	Male	5-9 years	Hispanic	*	Female	3-5 months	Black
16.9%	Female	5-9 years	Black	9.8%	Female	10-12 years	Asian/Pacific Islander	*	Male	3-5 months	Black
16.8%	Female	24-35 months	Hispanic	9.7%	Male	10-12 years	Hispanic	*	Female	3-5 months	Hispanic
16.7%	Male	12-23 months	White	9.7%	Female	13-17 years	Hispanic	*	Male	3-5 months	Hispanic
16.6%	Male	6-11 months	Hispanic	9.6%	Female	5-9 years	Hispanic	*	Female	3-5 months	American Indian
16.4%	Male	36-59 months	Asian/Pacific Islander	9.6%	Female	5-9 years	American Indian	*	Male	3-5 months	American Indian
16.2%	Female	24-35 months	White	9.5%	Female	5-9 years	White	*	Female	3-5 months	Asian/Pacific Islander
16.1%	Male	12-23 months	Hispanic	9.4%	Male	5-9 years	White	*	Male	3-5 months	Asian/Pacific Islander

Figure 6.19.9 Percent of Health Assessments Exceeding National Standards for Anemia by Race and Age, Females 1998

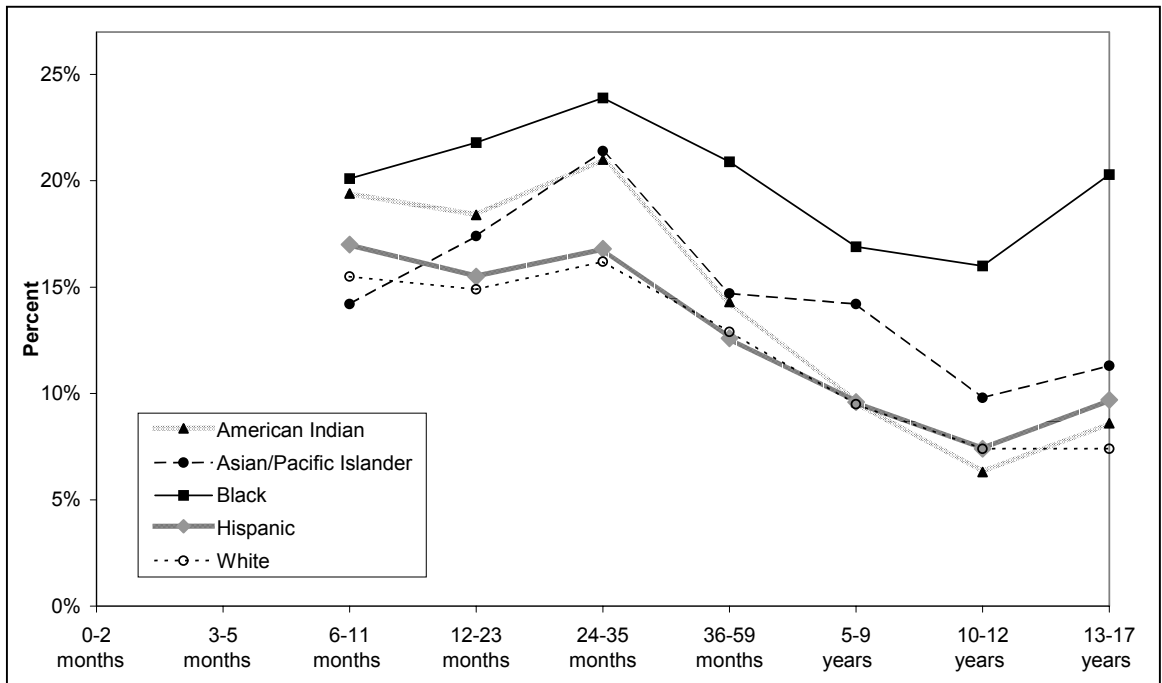
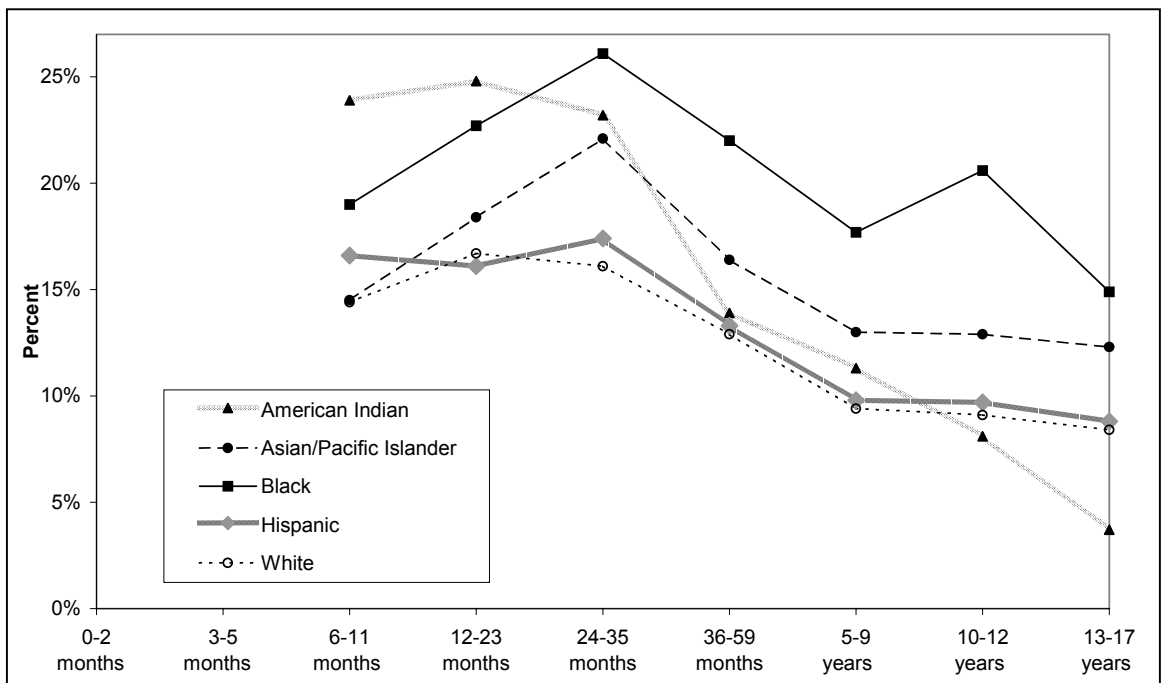


Figure 6.19.10 Percent of Health Assessments Exceeding National Standards for Anemia by Race and Age, Males 1998



Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department and Year, 1994 - 1998

A note regarding the following figures and tables:

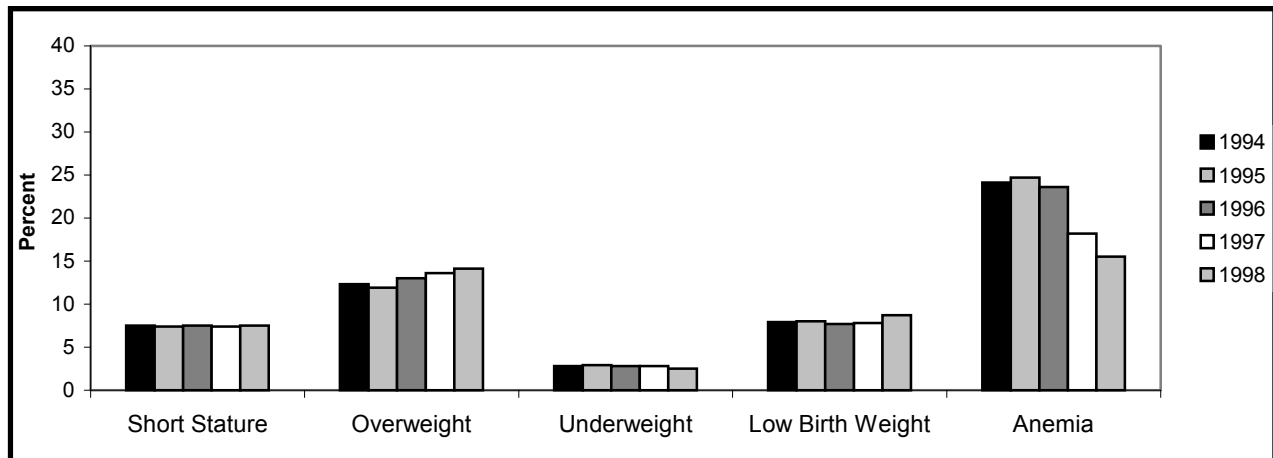
Changes in City Reporting. In 1995, the cities of Long Beach and Pasadena in Los Angeles County joined the City of Berkeley in Alameda County in having their health assessment data reported separately by the state. The two city health departments were included in the Los Angeles County figures for 1994 and therefore represented by asterisks (*) in the 1994 data.

Anemia. Decreasing anemia rates observed in many local health departments could be due to dietary improvements or to changes in data collection procedures that resulted from a 1995 statewide study requested by California and conducted by the CDC.

Interpretation of trend data. Readers are cautioned that trends observable in the figures are *not* the result of measurements on the same children over time and therefore cannot be interpreted as increases or decreases in a group of individuals. Instead, these trends describe each year's health assessments that, in the case of younger age groups, may include multiple measures on the same child. Succeeding years include a changing roster of children; some will have been assessed in earlier years while others will undergo assessment for the first, and sometimes only, time.

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

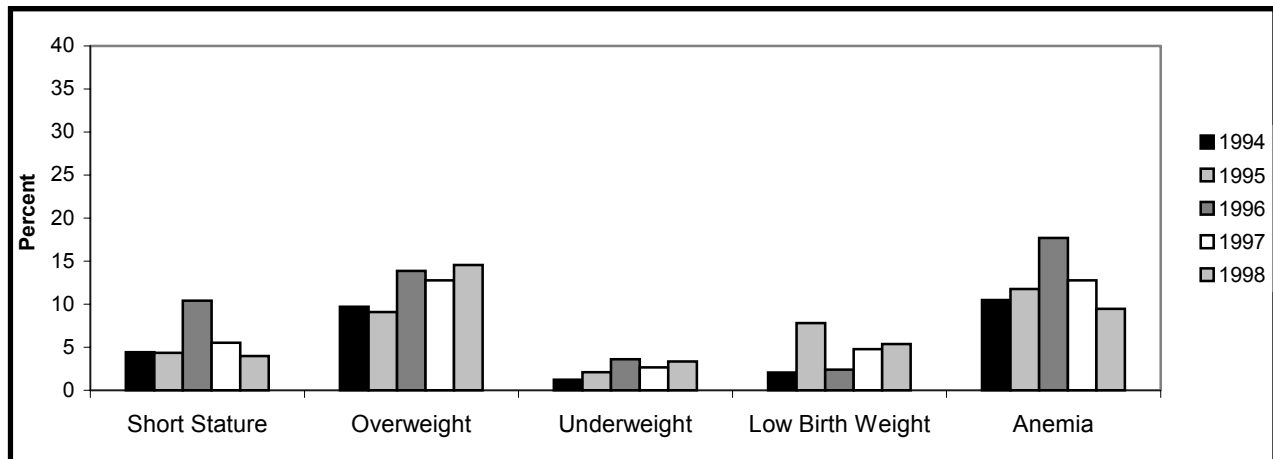
Figure/Table 7.1 Alameda County (including Berkeley)



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.5	7.4	7.5	7.4	7.5
Overweight	12.3	11.9	13.0	13.6	14.1
Underweight	2.8	2.9	2.8	2.8	2.5
Low Birth Weight	7.9	8.0	7.7	7.8	8.7
Anemia	24.1	24.7	23.6	18.2	15.5

Figure/Table 7.2 Alpine County

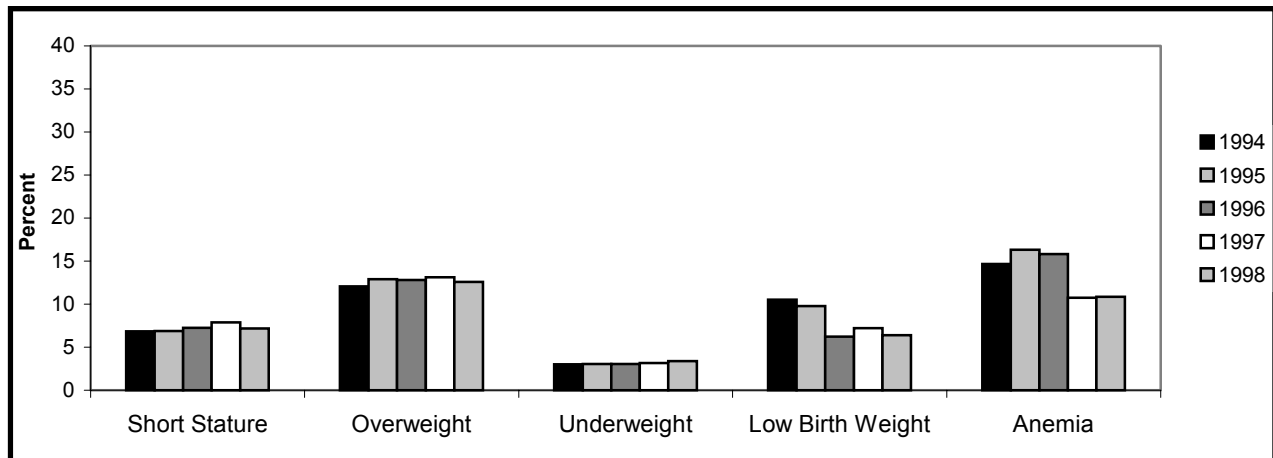


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.4	4.3	10.4	5.5	4.0
Overweight	9.7	9.1	13.9	12.8	14.6
Underweight	1.2	2.1	3.6	2.6	3.4
Low Birth Weight	2.0	7.8	2.4	4.8	5.4
Anemia	10.5	11.8	17.7	12.8	9.4

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

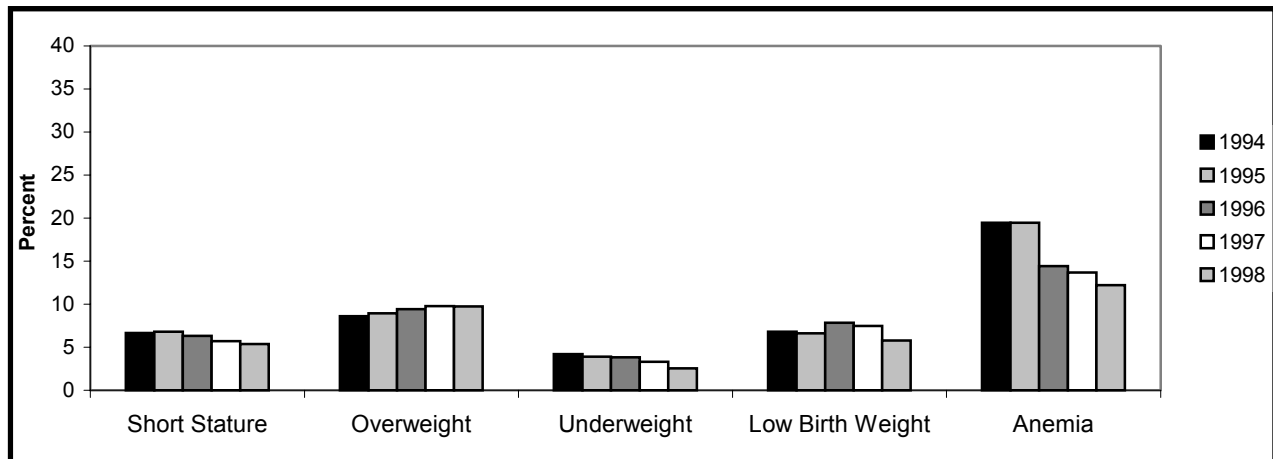
Figure/Table 7.3 Amador County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.9	6.9	7.2	7.9	7.2
Overweight	12.1	12.9	12.8	13.1	12.6
Underweight	3.0	3.1	3.1	3.2	3.4
Low Birth Weight	10.5	9.8	6.2	7.2	6.4
Anemia	14.7	16.3	15.8	10.7	10.9

Figure/Table 7.4 Butte County

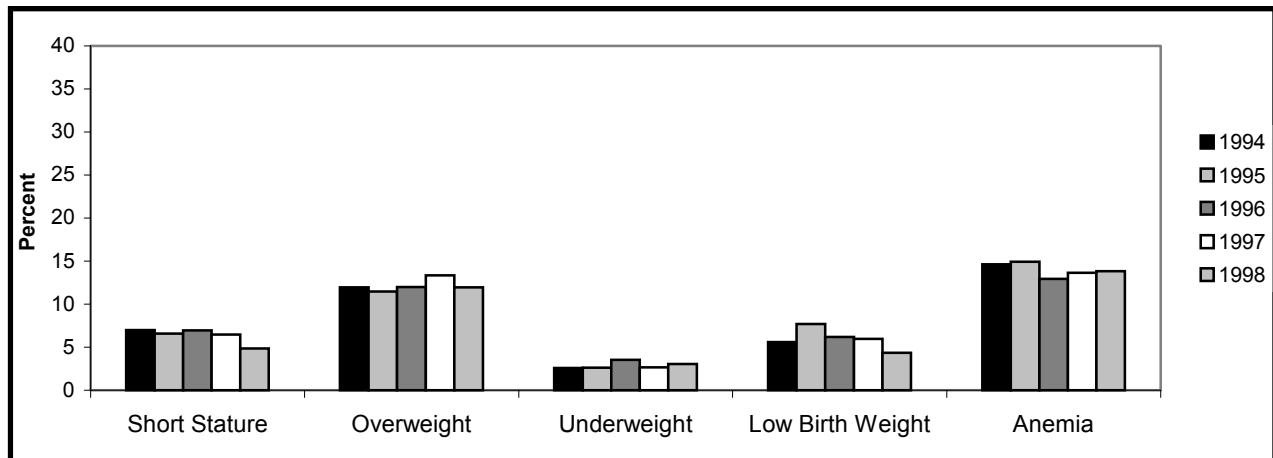


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.7	6.8	6.3	5.7	5.4
Overweight	8.6	8.9	9.4	9.8	9.8
Underweight	4.2	3.9	3.8	3.3	2.5
Low Birth Weight	6.8	6.6	7.8	7.5	5.8
Anemia	19.5	19.5	14.4	13.7	12.2

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

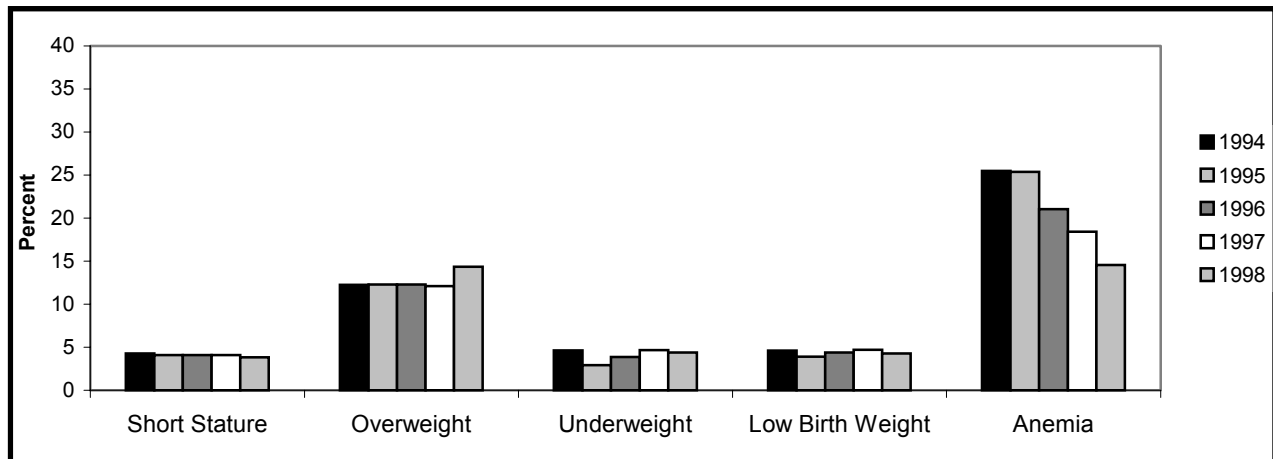
Figure/Table 7.5 Calaveras County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.0	6.6	7.0	6.5	4.8
Overweight	11.9	11.5	12.0	13.4	11.9
Underweight	2.6	2.6	3.5	2.7	3.1
Low Birth Weight	5.6	7.7	6.2	5.9	4.3
Anemia	14.6	14.9	12.9	13.6	13.8

Figure/Table 7.6 Colusa County

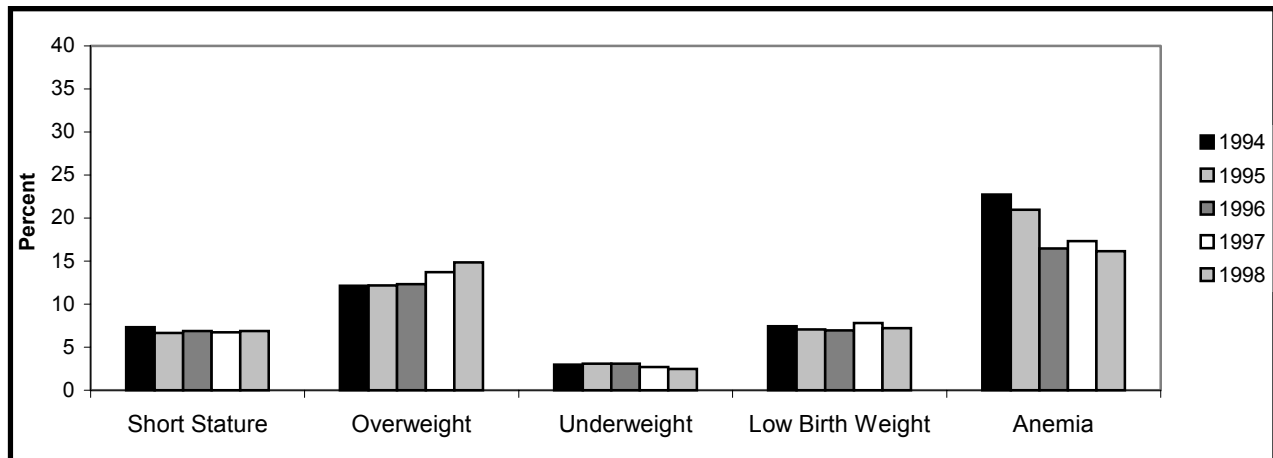


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.3	4.1	4.1	4.1	3.8
Overweight	12.2	12.3	12.3	12.1	14.4
Underweight	4.6	2.9	3.8	4.7	4.4
Low Birth Weight	4.6	3.9	4.4	4.7	4.2
Anemia	25.5	25.4	21.0	18.4	14.6

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

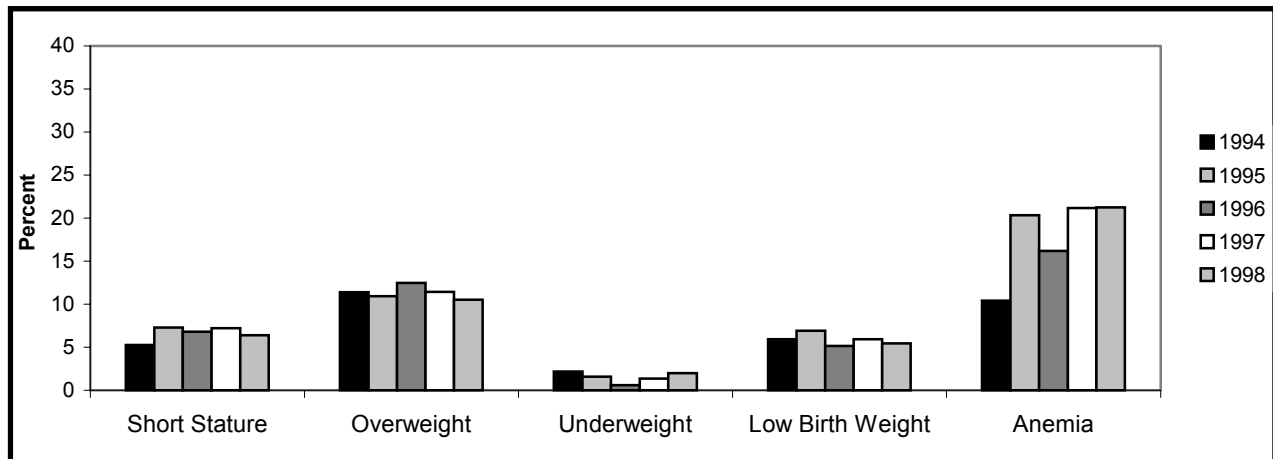
Figure/Table 7.7 Contra Costa County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.3	6.7	6.9	6.7	6.9
Overweight	12.1	12.2	12.3	13.7	14.8
Underweight	3.0	3.1	3.1	2.7	2.5
Low Birth Weight	7.4	7.1	7.0	7.8	7.2
Anemia	22.7	20.9	16.5	17.3	16.1

Figure/Table 7.8 Del Norte County

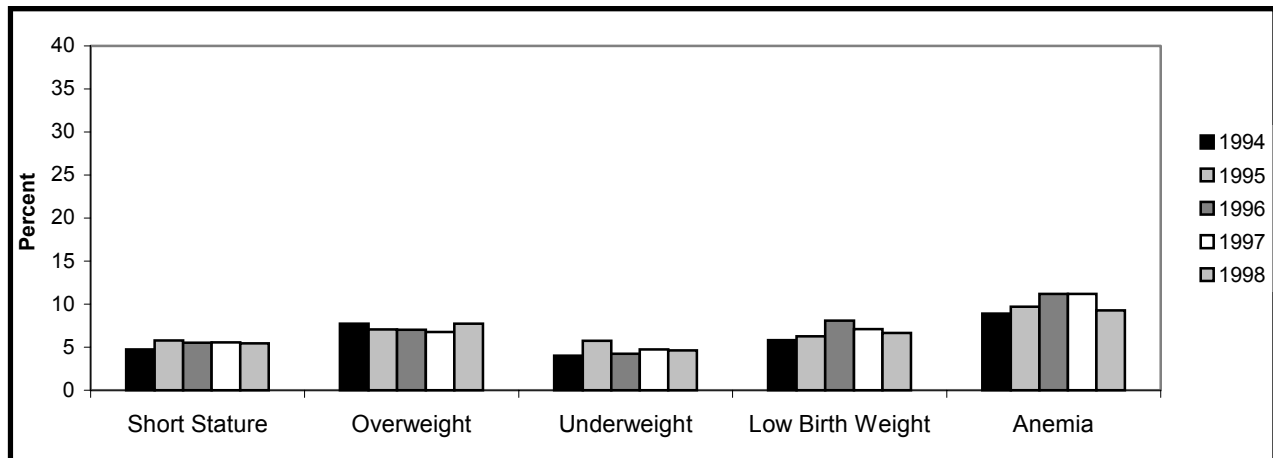


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.3	7.3	6.8	7.2	6.4
Overweight	11.4	10.9	12.5	11.4	10.5
Underweight	2.2	1.6	0.6	1.4	2.0
Low Birth Weight	5.9	6.9	5.1	5.9	5.4
Anemia	10.4	20.3	16.2	21.2	21.3

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

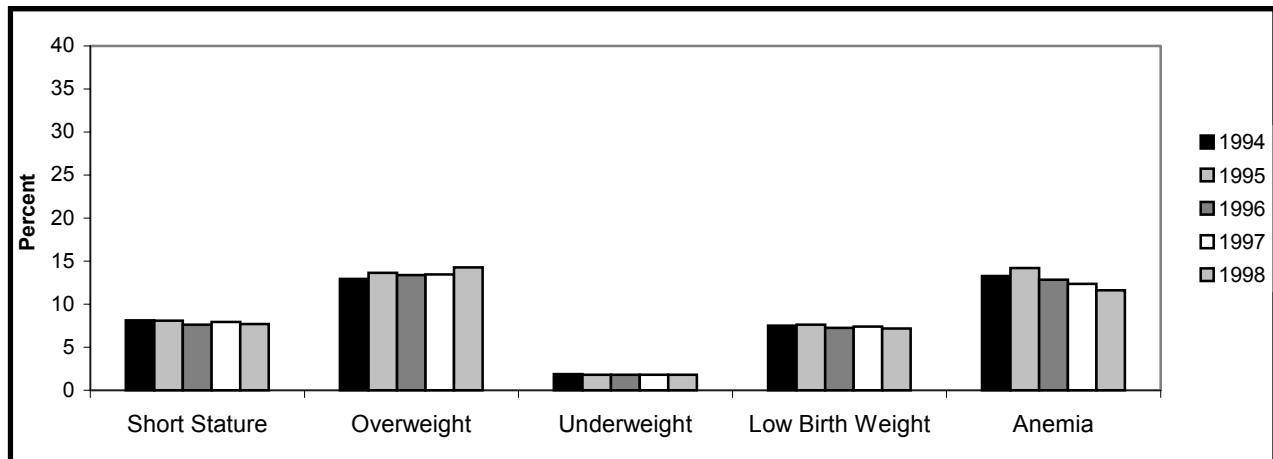
Figure/Table 7.9 El Dorado County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.7	5.8	5.5	5.6	5.5
Overweight	7.7	7.0	7.0	6.8	7.7
Underweight	4.0	5.7	4.2	4.7	4.6
Low Birth Weight	5.8	6.3	8.1	7.1	6.7
Anemia	8.9	9.7	11.2	11.2	9.3

Figure/Table 7.10 Fresno County

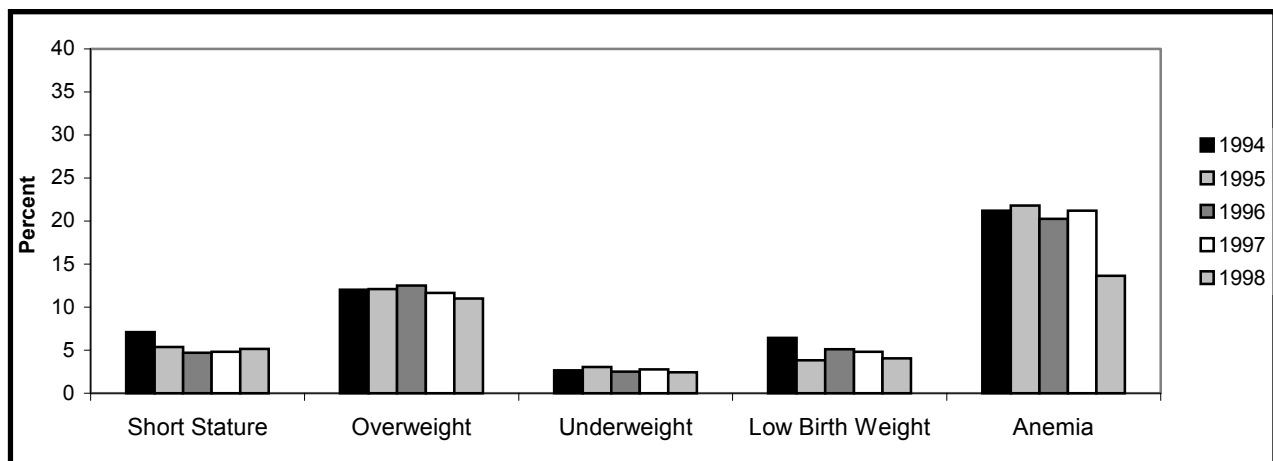


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	8.1	8.1	7.6	8.0	7.7
Overweight	13.0	13.6	13.4	13.5	14.3
Underweight	1.9	1.8	1.8	1.8	1.8
Low Birth Weight	7.5	7.6	7.2	7.4	7.2
Anemia	13.3	14.2	12.8	12.4	11.6

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

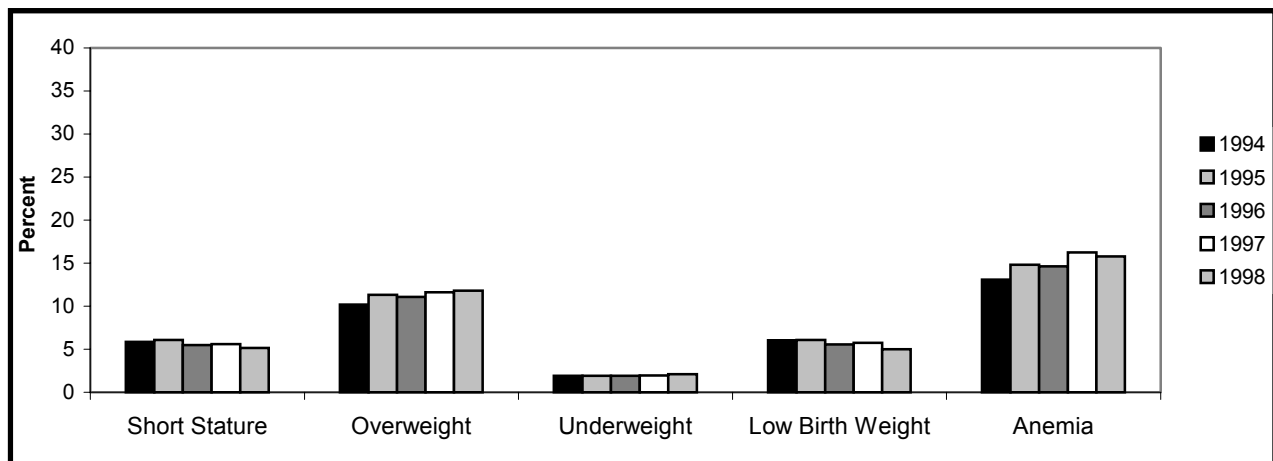
Figure/Table 7.11 Glenn County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.1	5.4	4.7	4.8	5.1
Overweight	12.0	12.1	12.5	11.7	11.0
Underweight	2.6	3.1	2.5	2.7	2.4
Low Birth Weight	6.4	3.8	5.1	4.8	4.0
Anemia	21.2	21.8	20.3	21.2	13.7

Figure/Table 7.12 Humboldt County

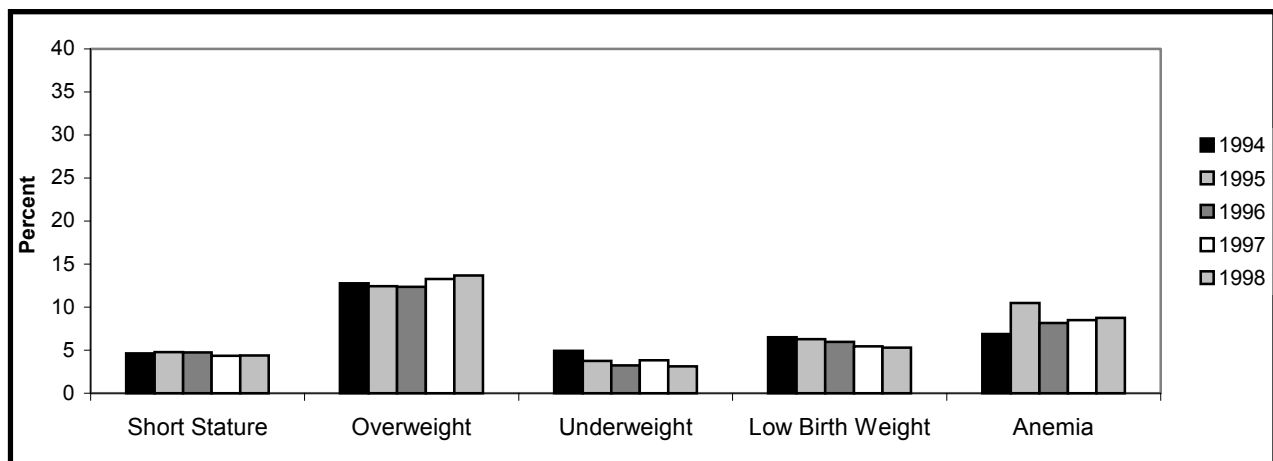


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.9	6.1	5.5	5.6	5.1
Overweight	10.2	11.3	11.1	11.6	11.8
Underweight	1.9	1.9	1.9	1.9	2.1
Low Birth Weight	6.0	6.1	5.6	5.7	5.0
Anemia	13.1	14.8	14.6	16.2	15.8

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

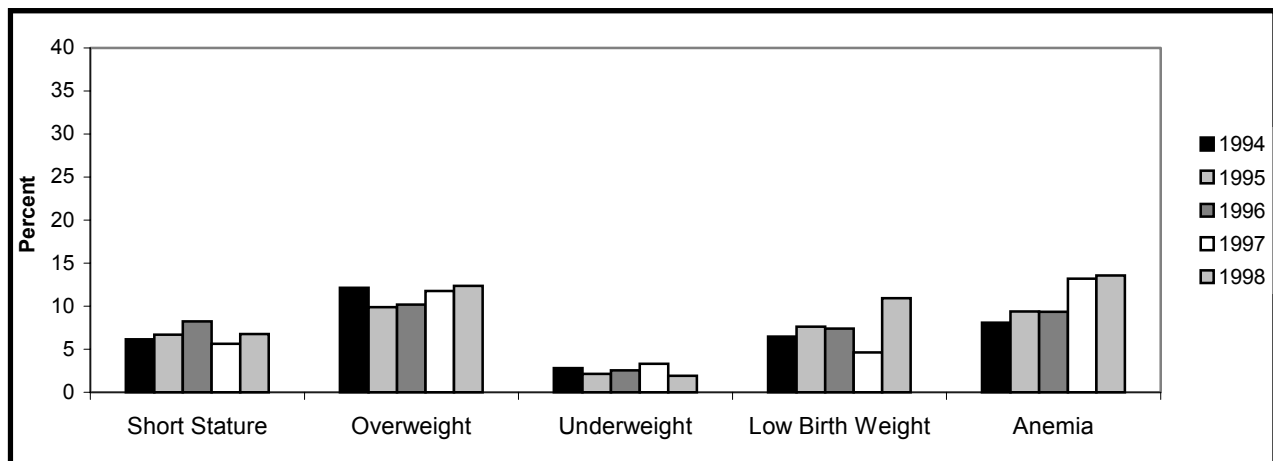
Figure/Table 7.13 Imperial County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.6	4.8	4.7	4.3	4.4
Overweight	12.8	12.4	12.3	13.3	13.7
Underweight	4.9	3.7	3.2	3.8	3.1
Low Birth Weight	6.5	6.3	6.0	5.5	5.3
Anemia	6.9	10.5	8.2	8.5	8.8

Figure/Table 7.14 Inyo County

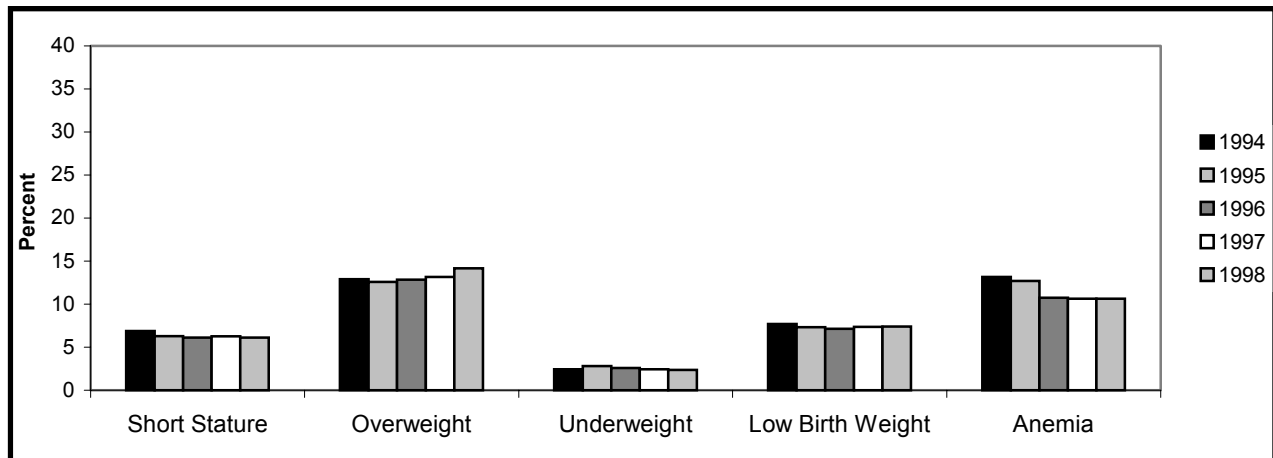


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.1	6.7	8.2	5.6	6.8
Overweight	12.1	9.9	10.2	11.8	12.3
Underweight	2.8	2.1	2.5	3.3	1.9
Low Birth Weight	6.5	7.6	7.4	4.6	10.9
Anemia	8.1	9.4	9.4	13.2	13.6

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

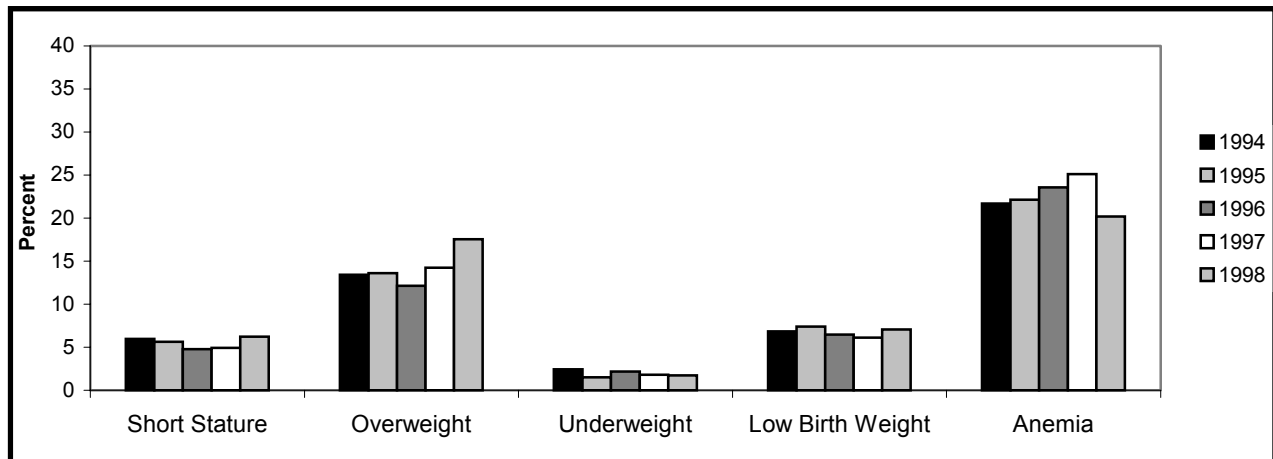
Figure/Table 7.15 Kern County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.9	6.3	6.1	6.2	6.1
Overweight	12.9	12.6	12.8	13.2	14.2
Underweight	2.4	2.8	2.6	2.4	2.4
Low Birth Weight	7.7	7.3	7.1	7.3	7.4
Anemia	13.2	12.7	10.7	10.6	10.6

Figure/Table 7.16 Kings County

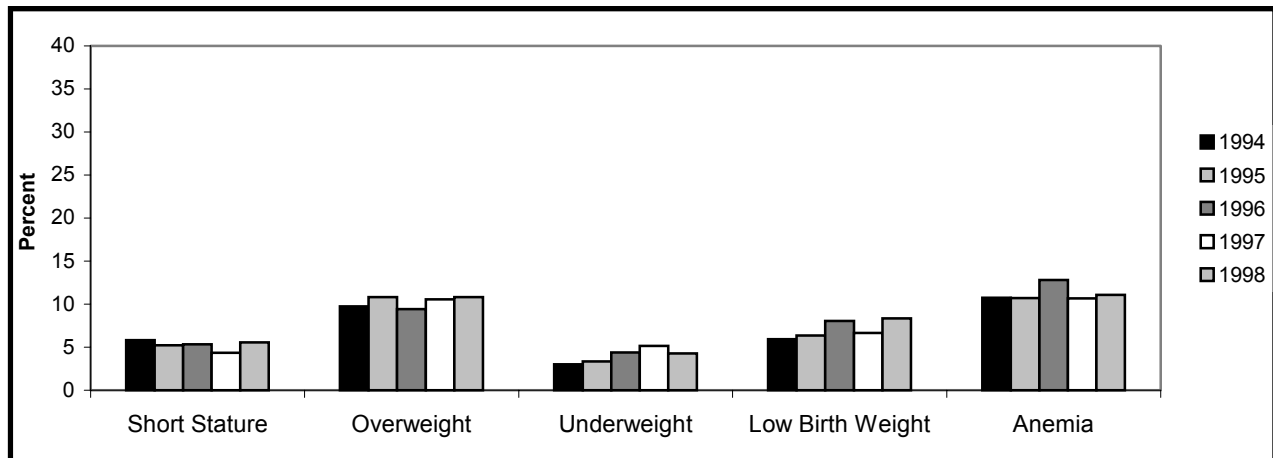


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.0	5.6	4.8	4.9	6.2
Overweight	13.4	13.6	12.1	14.2	17.5
Underweight	2.4	1.5	2.2	1.8	1.7
Low Birth Weight	6.8	7.4	6.5	6.1	7.1
Anemia	21.7	22.1	23.6	25.1	20.2

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

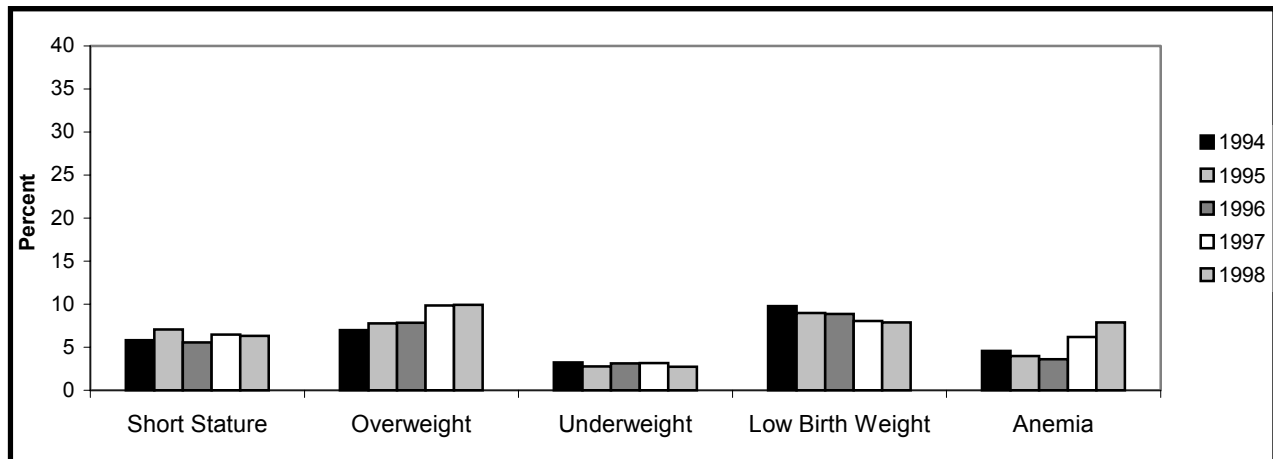
Figure/Table 7.17 Lake County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.8	5.2	5.3	4.3	5.6
Overweight	9.7	10.8	9.4	10.6	10.8
Underweight	3.0	3.3	4.4	5.2	4.3
Low Birth Weight	5.9	6.4	8.1	6.6	8.3
Anemia	10.7	10.7	12.8	10.7	11.1

Figure/Table 7.18 Lassen County

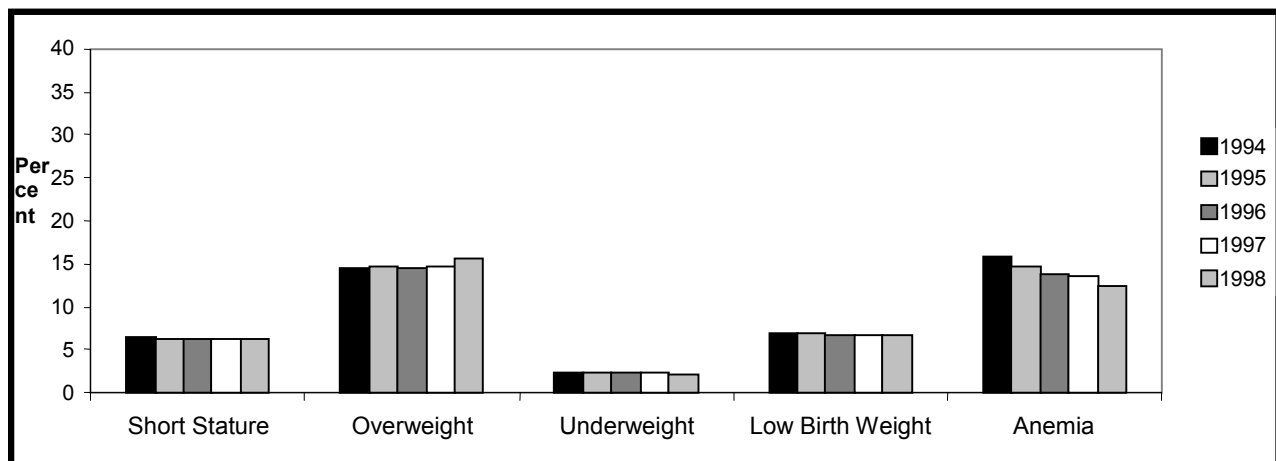


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.8	7.1	5.5	6.5	6.3
Overweight	7.0	7.8	7.8	9.8	9.9
Underweight	3.2	2.8	3.1	3.2	2.7
Low Birth Weight	9.8	9.0	8.9	8.0	7.9
Anemia	4.6	4.0	3.6	6.2	7.9

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

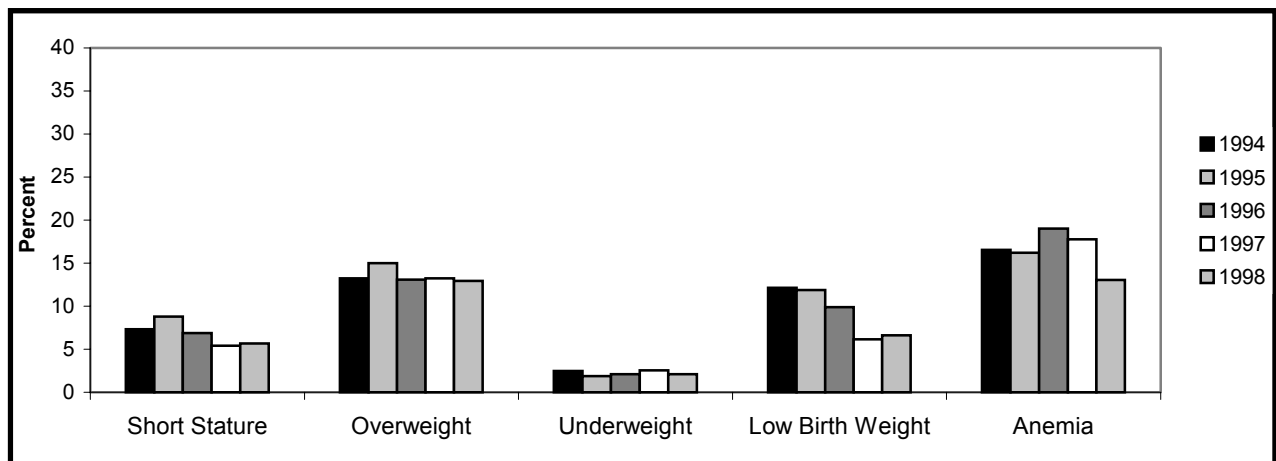
Figure/Table 7.19 Los Angeles County (including Pasadena and Long Beach)



Percent of Health Assessments Exceeding National

Indicator	1994	1995	1996	1997	1998
Short	6.4	6.3	6.1	6.2	6.1
Overweig	14.4	14.8	14.5	14.8	15.7
Underweig	2.3	2.2	2.2	2.2	2.0
Low Birth	6.9	6.9	6.7	6.6	6.6
Anemi	15.8	14.7	13.8	13.6	12.5

Figure/Table 7.20 Madera County

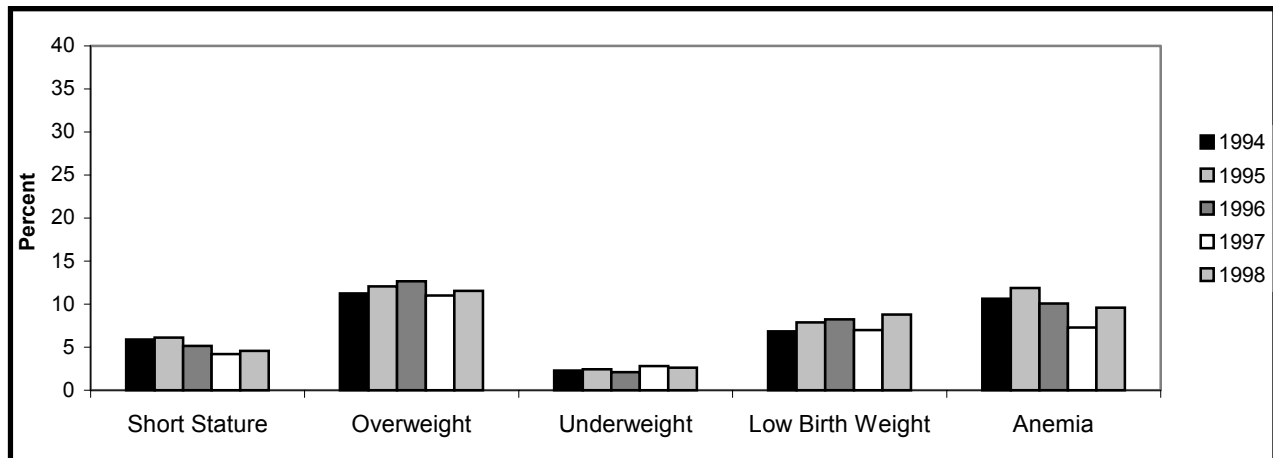


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.3	8.8	6.9	5.4	5.7
Overweight	13.2	15.0	13.1	13.2	12.9
Underweight	2.4	1.9	2.1	2.5	2.1
Low Birth Weight	12.1	11.9	9.9	6.2	6.6
Anemia	16.5	16.2	19.0	17.8	13.1

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

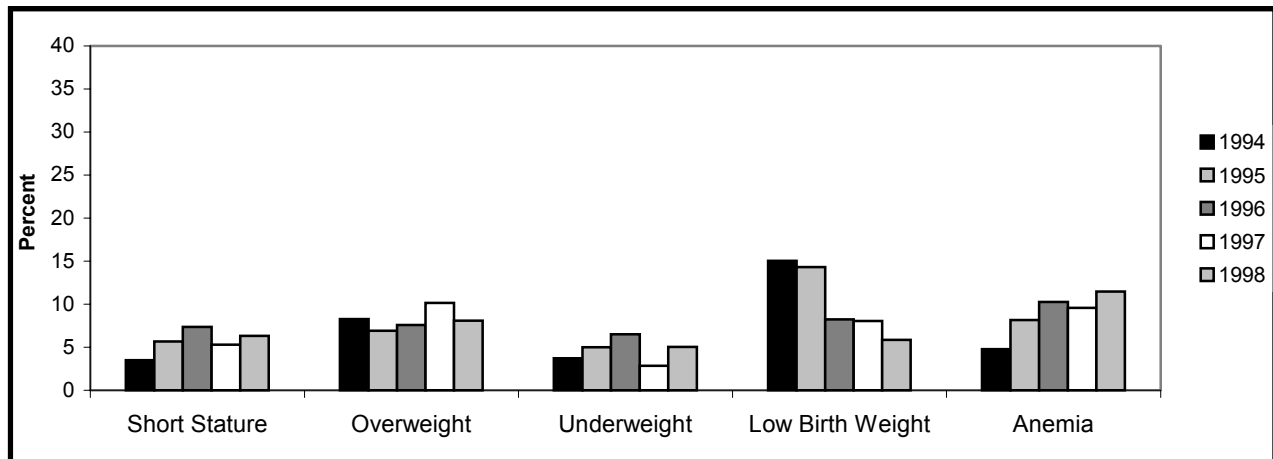
Figure/Table 7.21 Marin County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.9	6.1	5.2	4.2	4.5
Overweight	11.2	12.1	12.6	11.0	11.5
Underweight	2.3	2.4	2.1	2.8	2.6
Low Birth Weight	6.9	7.9	8.2	7.0	8.8
Anemia	10.6	11.9	10.1	7.3	9.6

Figure/Table 7.22 Mariposa County

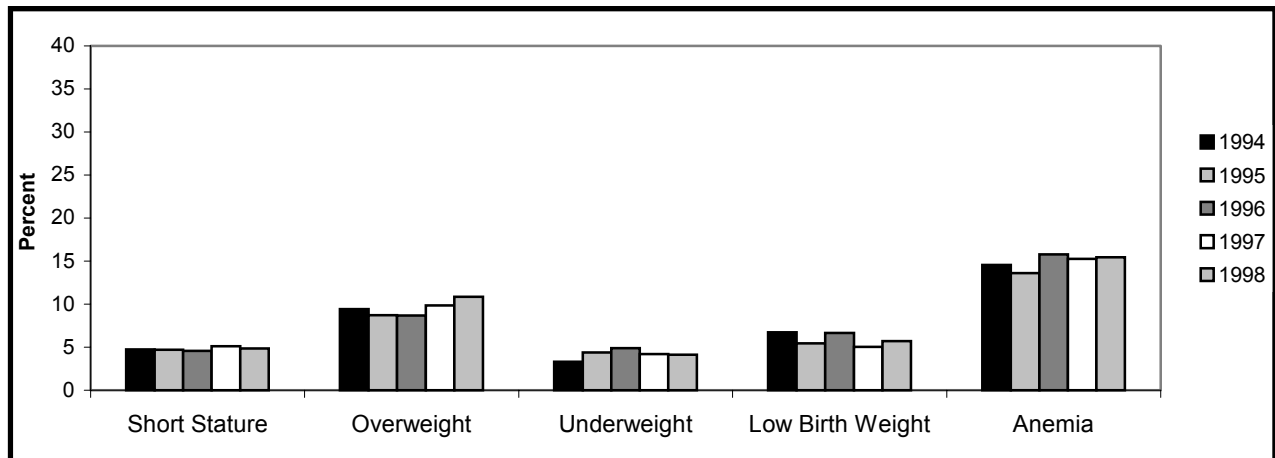


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	3.5	5.7	7.4	5.3	6.3
Overweight	8.3	6.9	7.6	10.1	8.1
Underweight	3.7	5.0	6.5	2.8	5.0
Low Birth Weight	15.0	14.3	8.2	8.1	5.8
Anemia	4.8	8.2	10.3	9.6	11.5

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

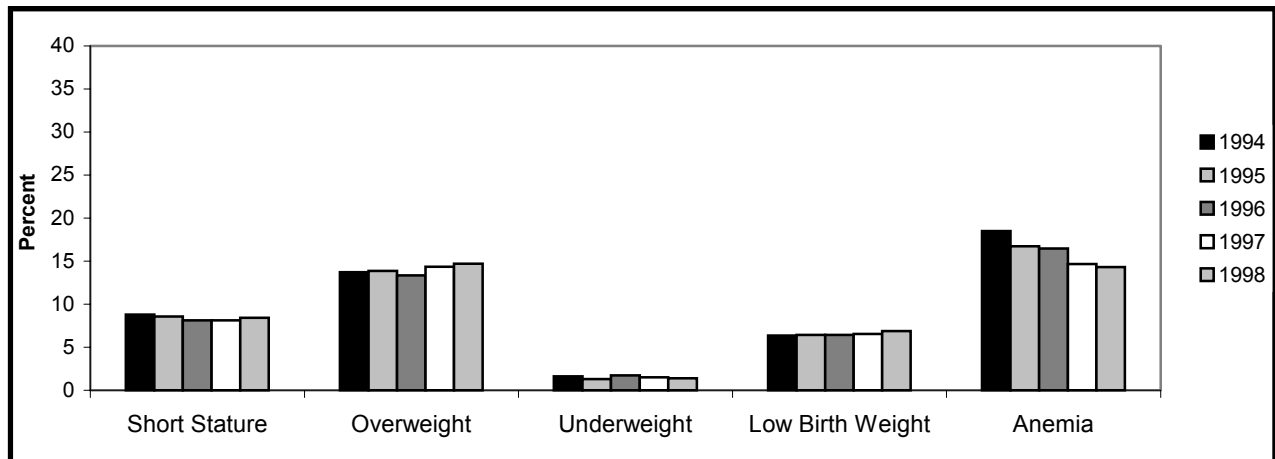
Figure/Table 7.23 Mendocino County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.8	4.7	4.5	5.1	4.9
Overweight	9.4	8.7	8.7	9.9	10.8
Underweight	3.3	4.4	4.9	4.2	4.1
Low Birth Weight	6.7	5.5	6.6	5.1	5.7
Anemia	14.5	13.6	15.8	15.2	15.4

Figure/Table 7.24 Merced County

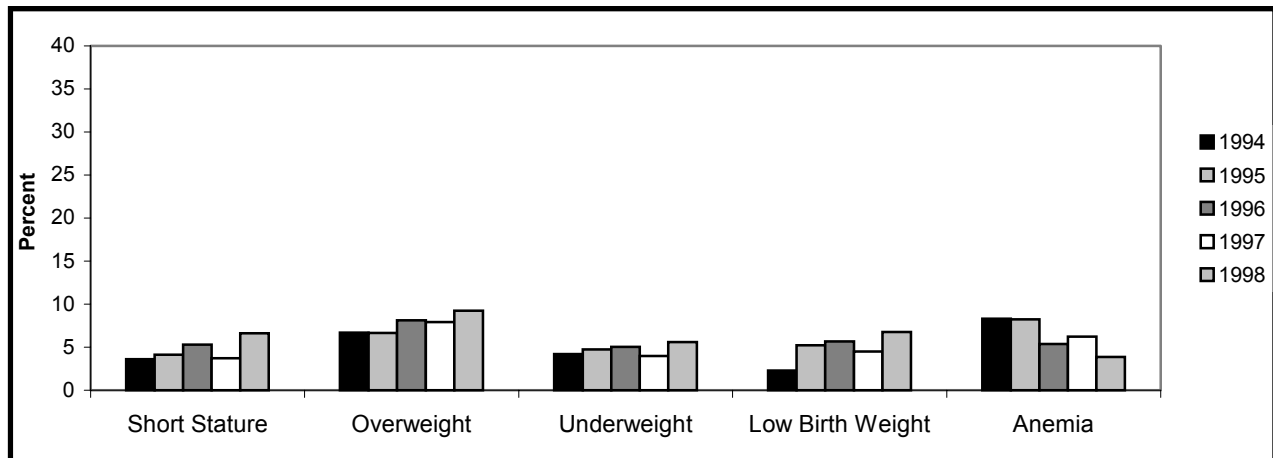


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	8.8	8.6	8.1	8.1	8.4
Overweight	13.7	13.9	13.3	14.4	14.7
Underweight	1.6	1.3	1.7	1.5	1.4
Low Birth Weight	6.4	6.4	6.4	6.5	6.9
Anemia	18.5	16.7	16.5	14.7	14.3

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

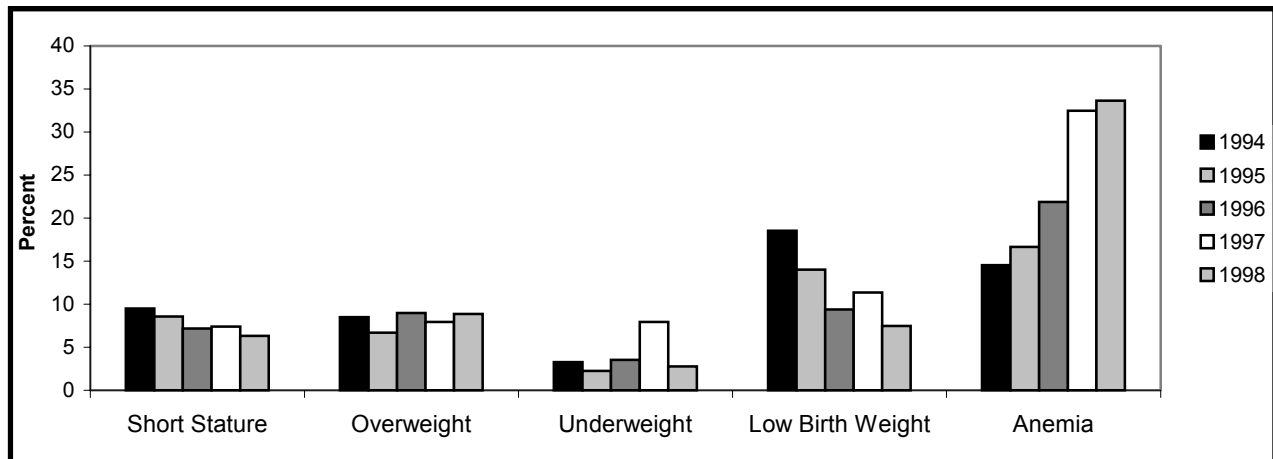
Figure/Table 7.25 Modoc County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	3.6	4.1	5.3	3.7	6.6
Overweight	6.7	6.7	8.1	7.9	9.2
Underweight	4.2	4.8	5.0	4.0	5.6
Low Birth Weight	2.3	5.2	5.7	4.5	6.8
Anemia	8.3	8.2	5.4	6.2	3.9

Figure/Table 7.26 Mono County

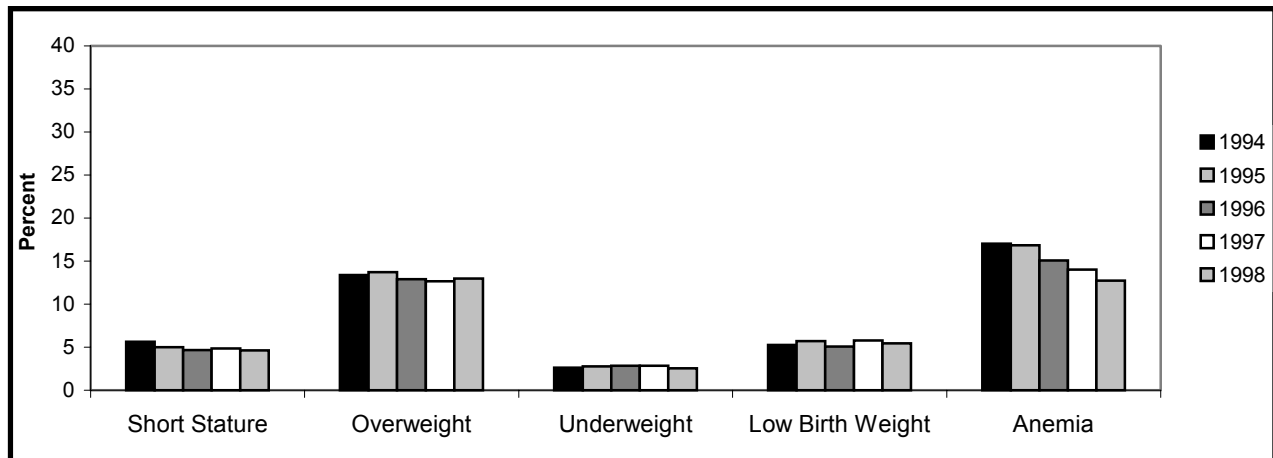


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.5	8.5	7.2	7.4	6.3
Overweight	8.5	6.7	9.0	8.0	8.9
Underweight	3.3	2.2	3.5	8.0	2.7
Low Birth Weight	18.5	14.0	9.4	11.3	7.5
Anemia	14.5	16.7	21.9	32.4	33.7

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

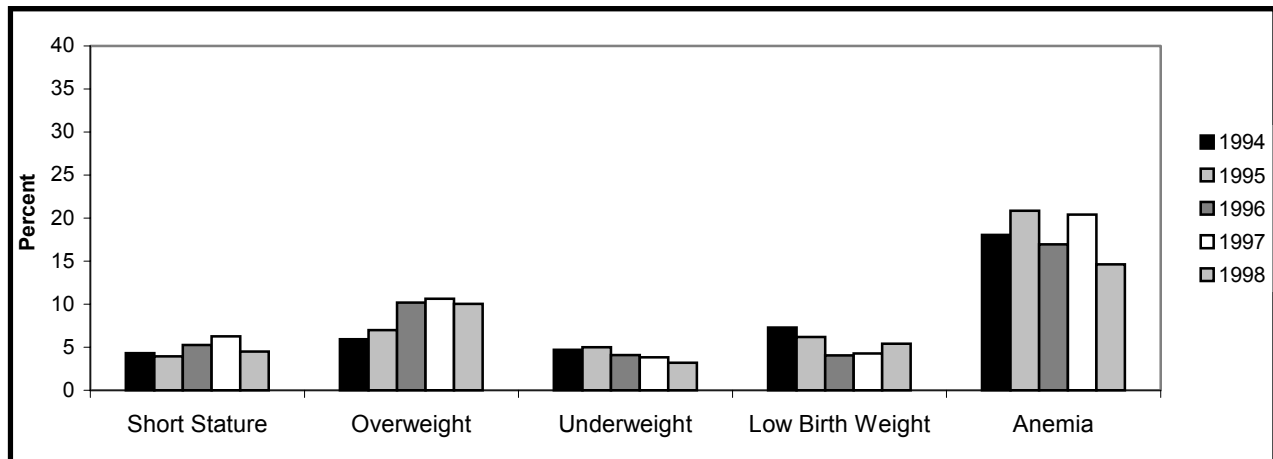
Figure/Table 7.27 Monterey County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.6	5.0	4.7	4.9	4.6
Overweight	13.4	13.7	12.9	12.7	13.0
Underweight	2.6	2.8	2.8	2.8	2.5
Low Birth Weight	5.3	5.7	5.1	5.8	5.4
Anemia	17.0	16.8	15.1	14.0	12.7

Figure/Table 7.28 Napa County

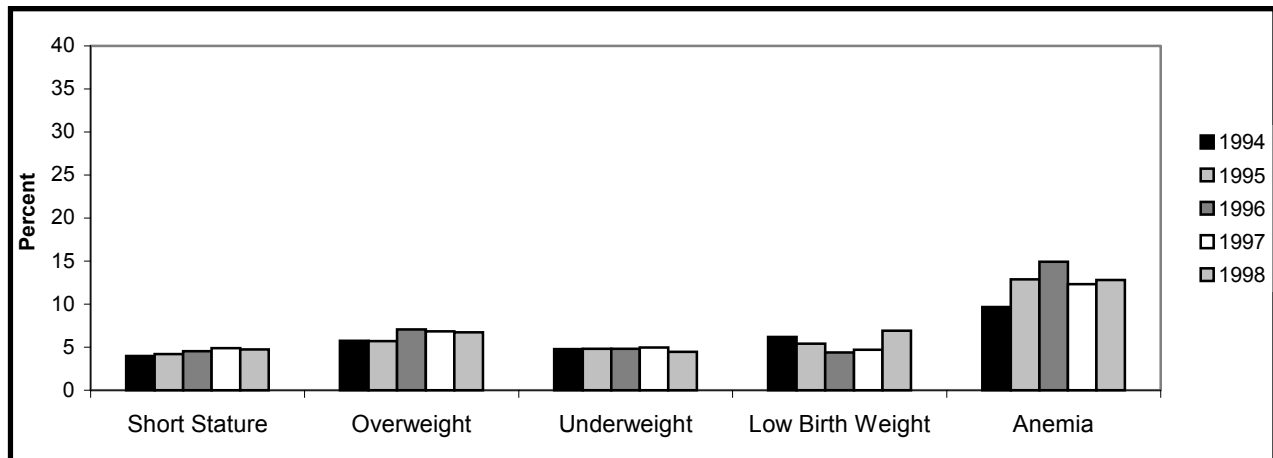


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.3	3.9	5.3	6.3	4.5
Overweight	5.9	7.0	10.2	10.6	10.0
Underweight	4.7	5.0	4.1	3.8	3.2
Low Birth Weight	7.3	6.2	4.1	4.3	5.4
Anemia	18.1	20.8	16.9	20.4	14.6

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

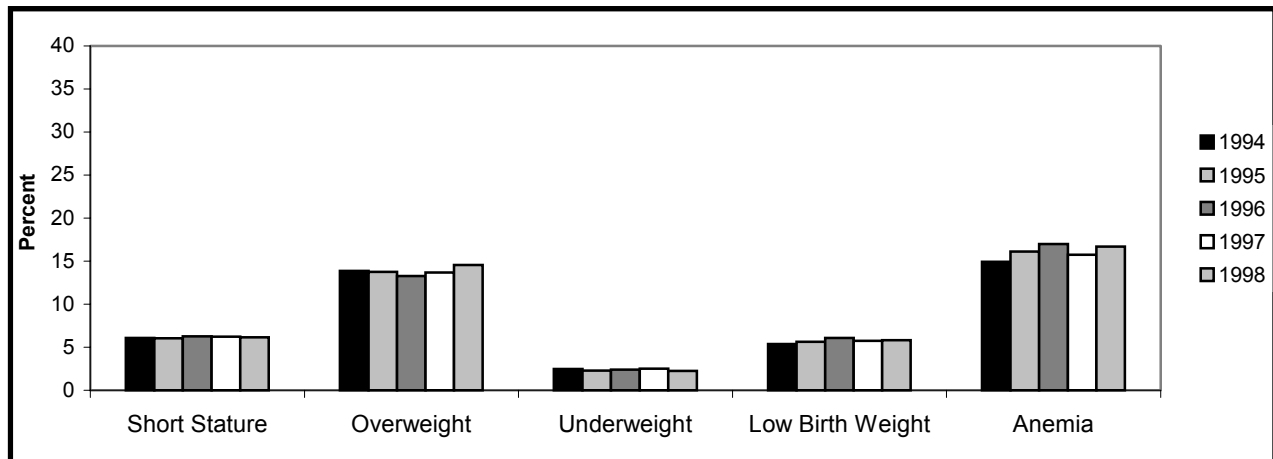
Figure/Table 7.29 Nevada County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.0	4.2	4.5	4.9	4.8
Overweight	5.7	5.7	7.1	6.9	6.7
Underweight	4.8	4.8	4.8	4.9	4.5
Low Birth Weight	6.2	5.4	4.4	4.7	6.9
Anemia	9.7	12.9	14.9	12.3	12.8

Figure/Table 7.30 Orange County

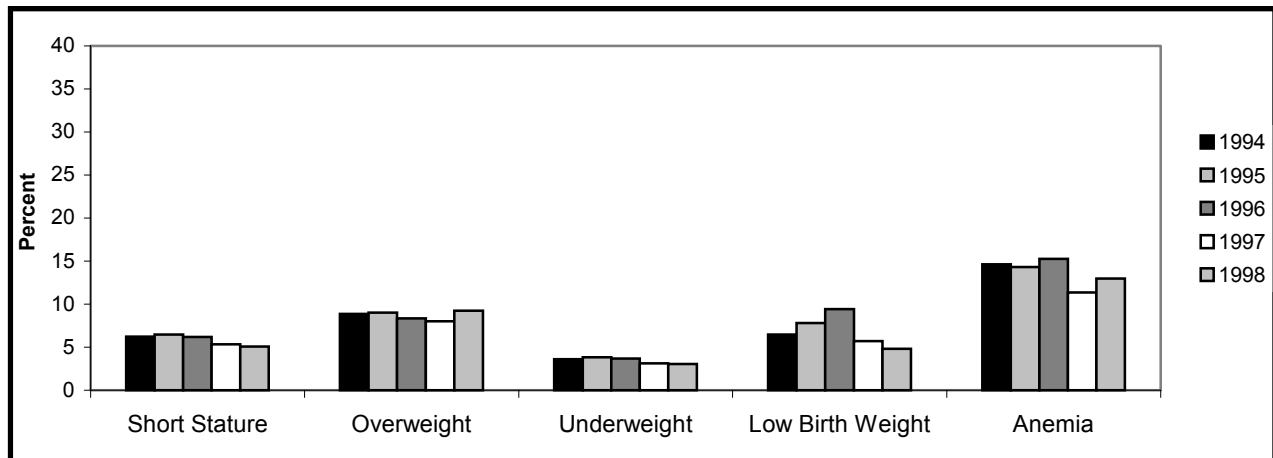


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.1	6.0	6.3	6.2	6.1
Overweight	13.9	13.7	13.3	13.7	14.6
Underweight	2.5	2.3	2.4	2.5	2.2
Low Birth Weight	5.4	5.6	6.0	5.7	5.8
Anemia	14.9	16.1	17.0	15.7	16.7

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

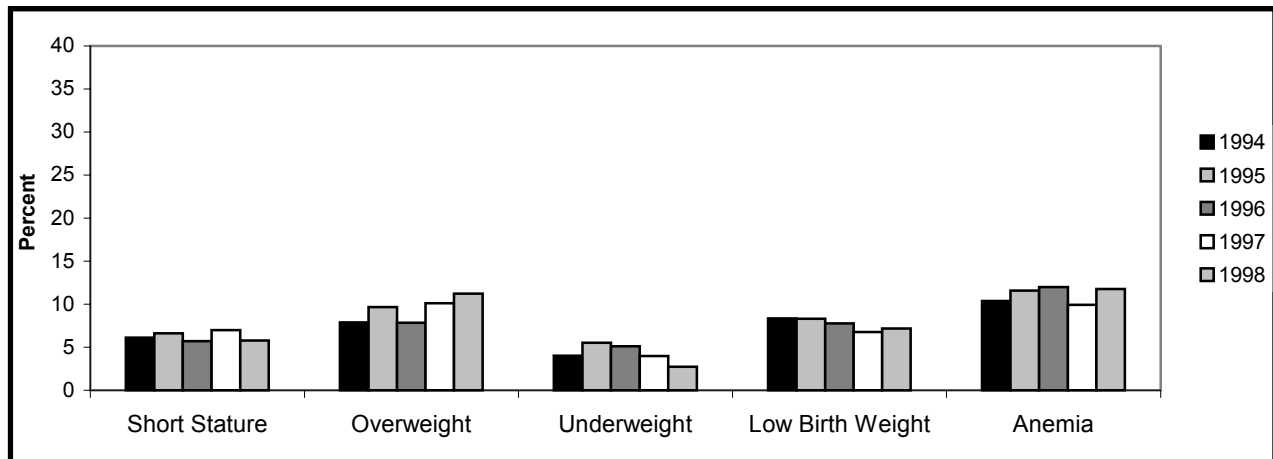
Figure/Table 7.31 Placer County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.2	6.5	6.2	5.3	5.1
Overweight	8.9	9.0	8.4	8.0	9.2
Underweight	3.6	3.8	3.7	3.1	3.0
Low Birth Weight	6.5	7.8	9.4	5.7	4.8
Anemia	14.6	14.3	15.2	11.4	13.0

Figure/Table 7.32 Plumas County

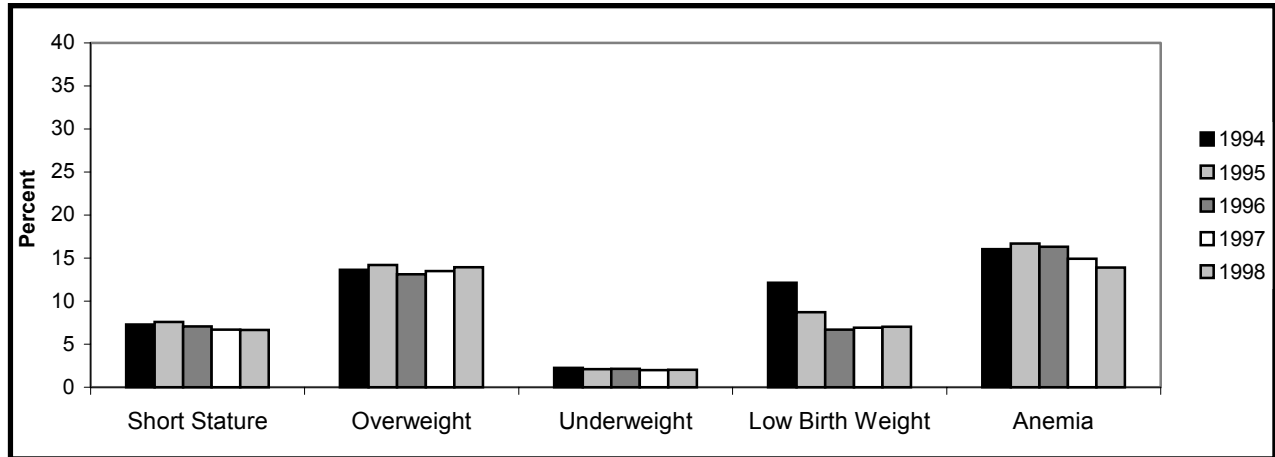


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.1	6.6	5.7	7.0	5.8
Overweight	7.9	9.7	7.8	10.1	11.2
Underweight	4.0	5.5	5.1	4.0	2.7
Low Birth Weight	8.3	8.3	7.8	6.8	7.2
Anemia	10.4	11.6	12.0	9.9	11.8

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

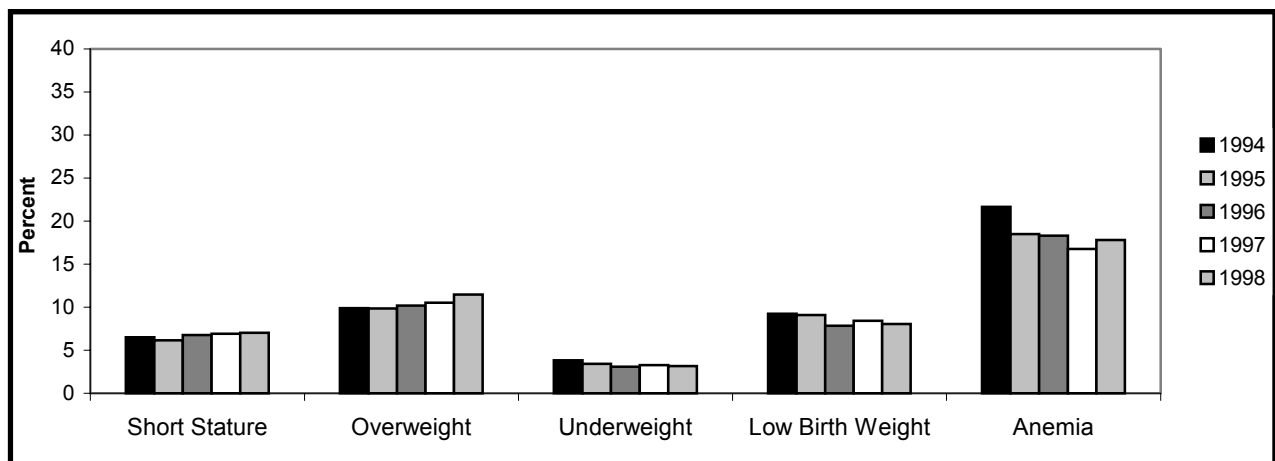
Figure/Table 7.33 Riverside County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.3	7.6	7.1	6.7	6.6
Overweight	13.6	14.2	13.1	13.5	14.0
Underweight	2.2	2.1	2.1	2.0	2.0
Low Birth Weight	12.1	8.7	6.7	6.9	7.0
Anemia	16.0	16.7	16.3	14.9	13.9

Figure/Table 7.34 Sacramento County

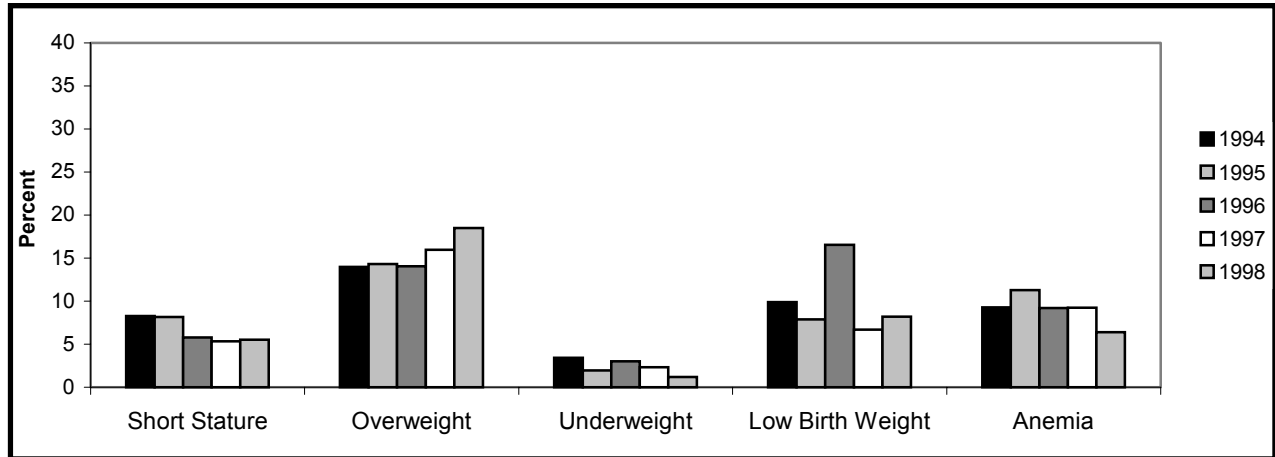


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.5	6.1	6.8	6.9	7.0
Overweight	9.9	9.8	10.2	10.5	11.5
Underweight	3.8	3.4	3.1	3.3	3.2
Low Birth Weight	9.2	9.1	7.8	8.4	8.0
Anemia	21.6	18.5	18.3	16.8	17.8

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

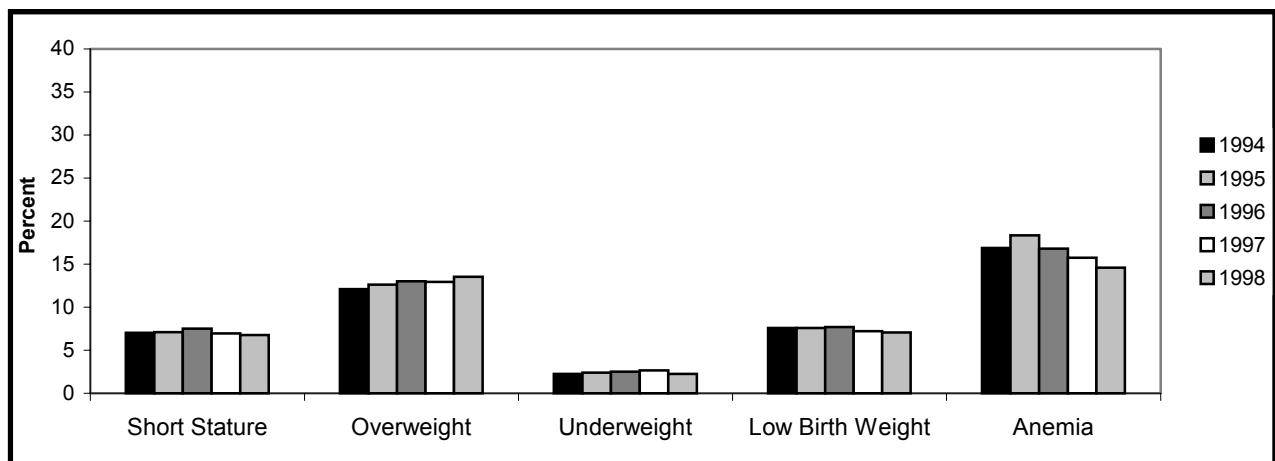
Figure/Table 7.35 San Benito County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	8.3	8.2	5.8	5.3	5.5
Overweight	14.0	14.3	14.0	16.0	18.5
Underweight	3.4	2.0	3.0	2.3	1.2
Low Birth Weight	9.9	7.9	16.5	6.7	8.2
Anemia	9.3	11.3	9.2	9.2	6.4

Figure/Table 7.36 San Bernardino County

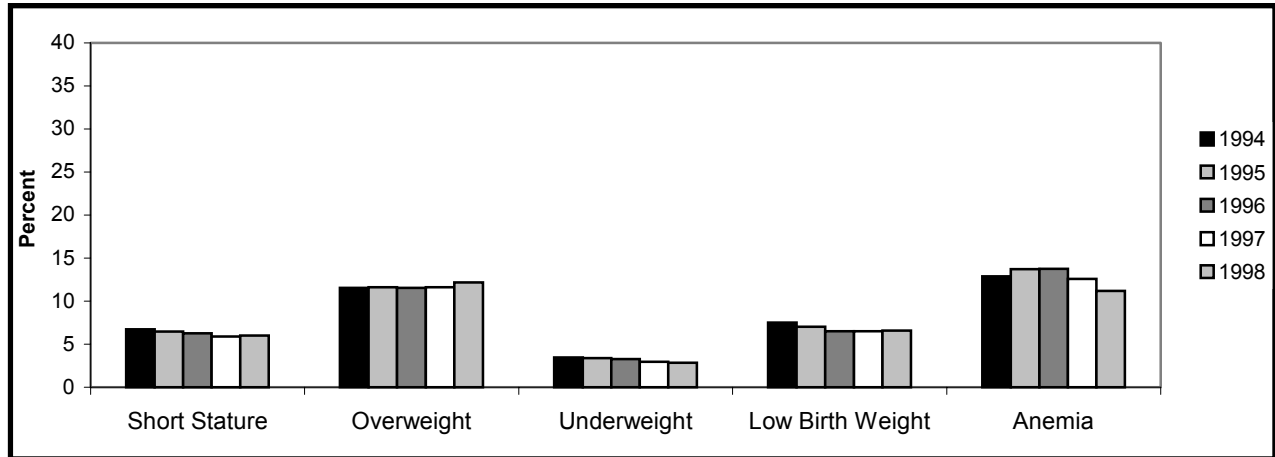


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.0	7.1	7.5	7.0	6.8
Overweight	12.1	12.6	13.0	12.9	13.5
Underweight	2.3	2.4	2.5	2.7	2.3
Low Birth Weight	7.6	7.6	7.7	7.2	7.1
Anemia	16.9	18.4	16.8	15.8	14.6

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

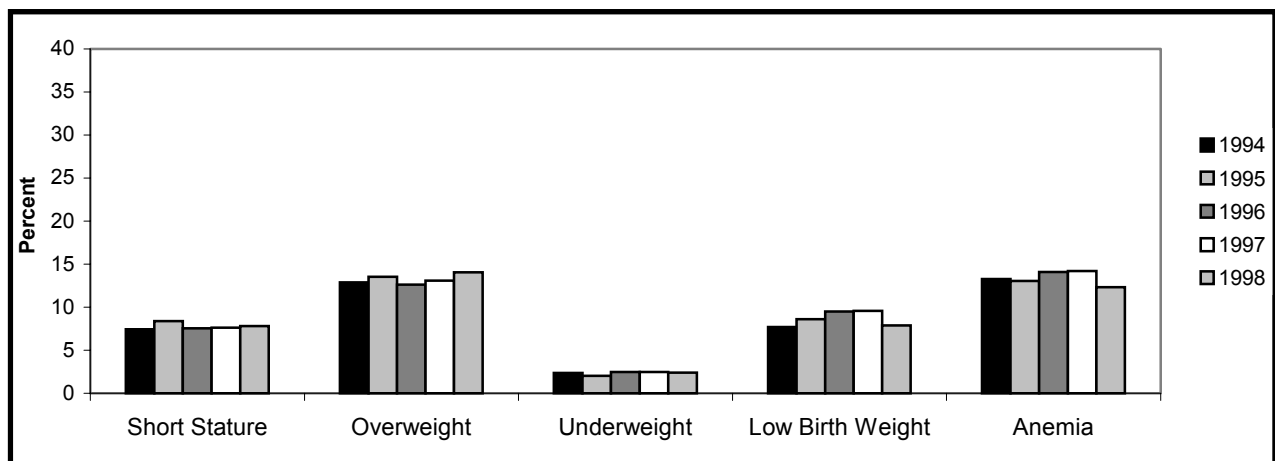
Figure/Table 7.37 San Diego County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.7	6.5	6.3	5.9	6.0
Overweight	11.5	11.6	11.5	11.6	12.2
Underweight	3.5	3.4	3.3	2.9	2.8
Low Birth Weight	7.5	7.0	6.5	6.5	6.6
Anemia	12.9	13.7	13.7	12.6	11.2

Figure/Table 7.38 San Francisco County

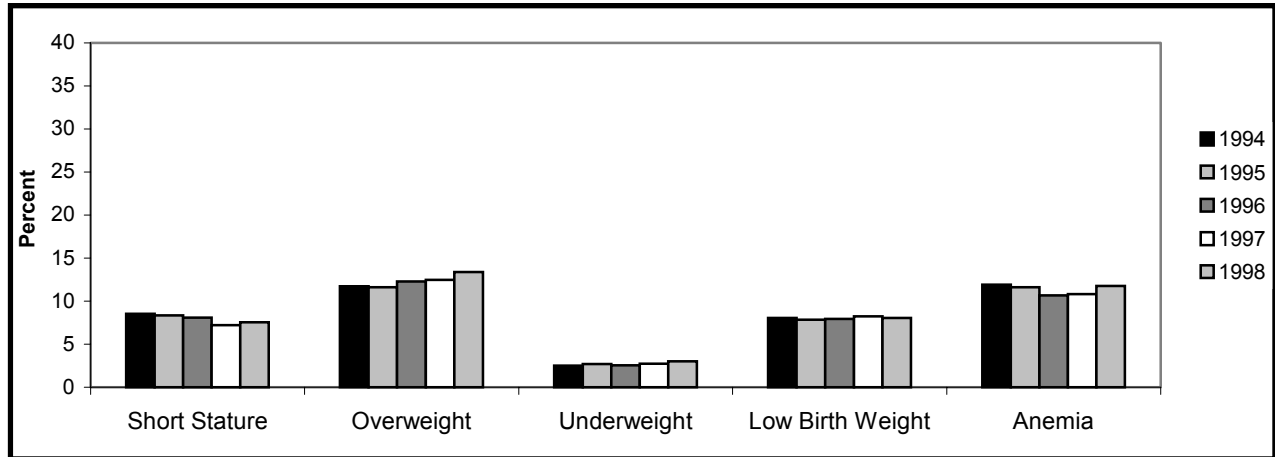


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.4	8.4	7.5	7.6	7.8
Overweight	12.9	13.5	12.6	13.1	14.1
Underweight	2.3	2.0	2.5	2.5	2.4
Low Birth Weight	7.7	8.6	9.5	9.5	7.9
Anemia	13.3	13.0	14.1	14.2	12.3

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

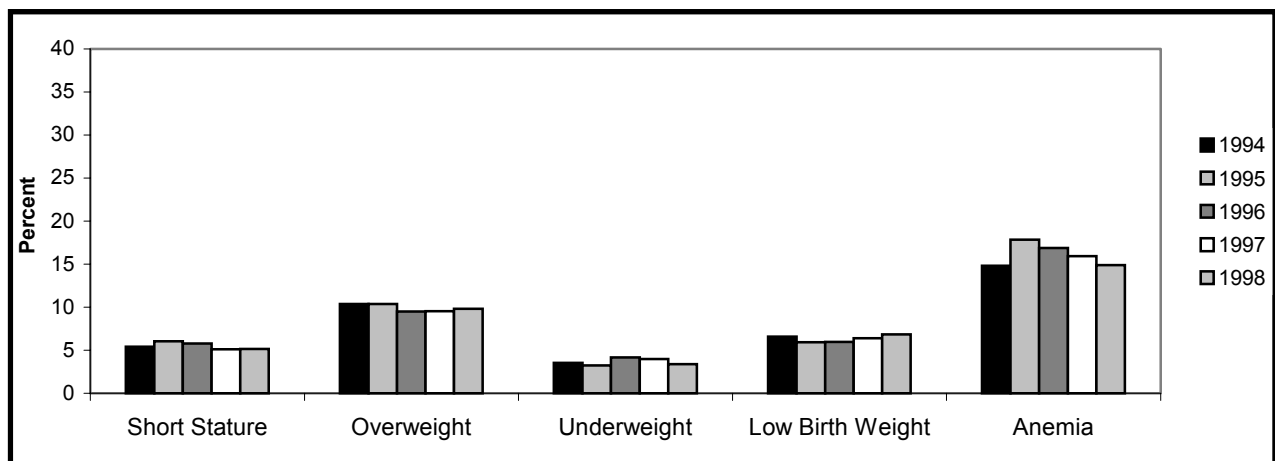
Figure/Table 7.39 San Joaquin County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	8.5	8.3	8.1	7.2	7.5
Overweight	11.7	11.6	12.3	12.5	13.4
Underweight	2.5	2.7	2.5	2.7	3.0
Low Birth Weight	8.1	7.8	8.0	8.2	8.0
Anemia	11.9	11.6	10.7	10.8	11.8

Figure/Table 7.40 San Luis Obispo County

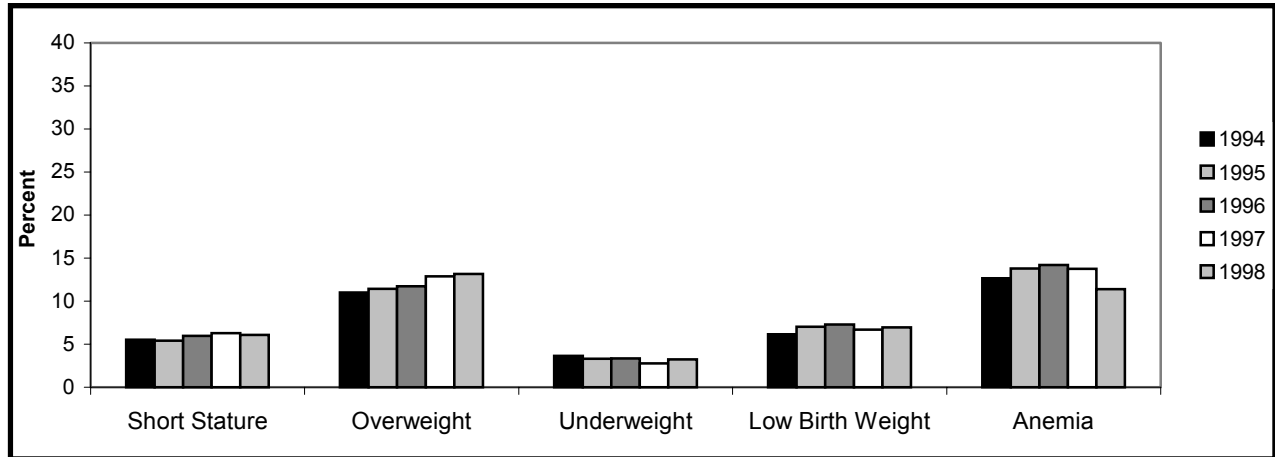


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.4	6.0	5.8	5.1	5.1
Overweight	10.4	10.4	9.5	9.5	9.8
Underweight	3.5	3.2	4.2	4.0	3.4
Low Birth Weight	6.6	5.9	5.9	6.4	6.9
Anemia	14.8	17.8	16.9	15.9	14.9

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

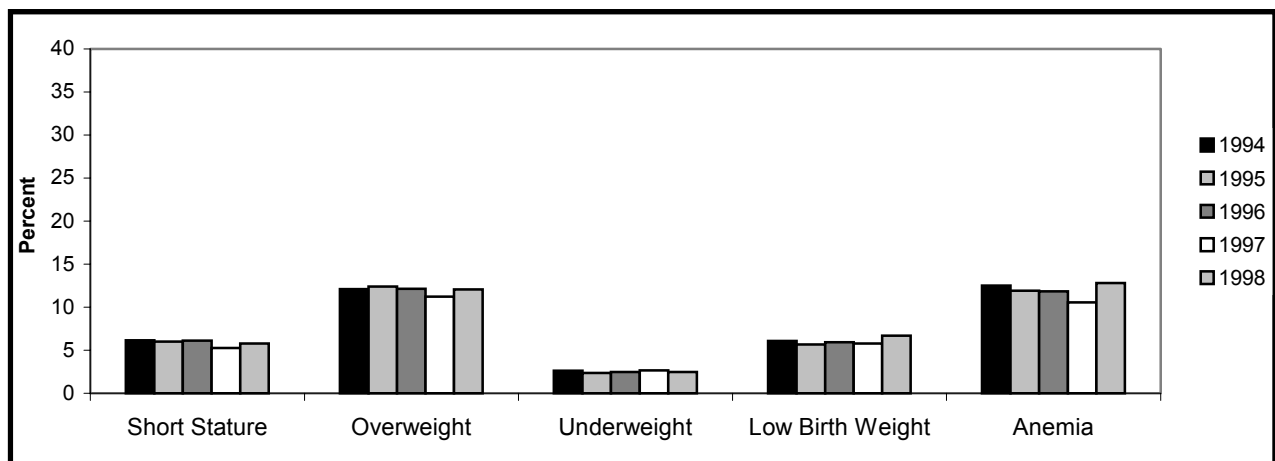
Figure/Table 7.41 San Mateo County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.5	5.4	6.0	6.3	6.1
Overweight	11.0	11.4	11.7	12.9	13.2
Underweight	3.6	3.3	3.3	2.8	3.2
Low Birth Weight	6.1	7.0	7.3	6.7	7.0
Anemia	12.7	13.8	14.2	13.8	11.4

Figure/Table 7.42 Santa Barbara County

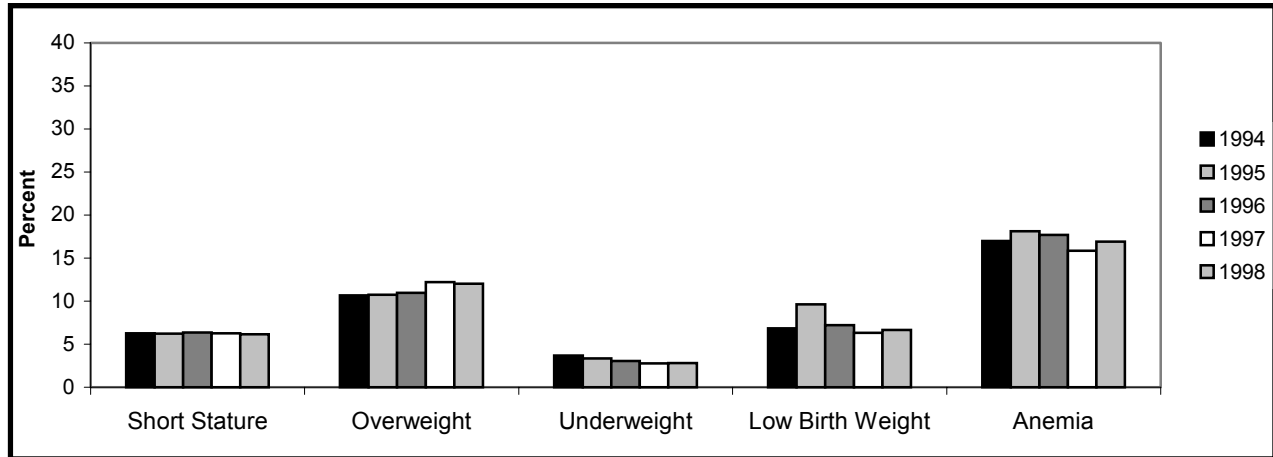


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.1	6.0	6.1	5.3	5.8
Overweight	12.1	12.4	12.1	11.2	12.1
Underweight	2.6	2.4	2.5	2.7	2.5
Low Birth Weight	6.1	5.7	5.9	5.8	6.7
Anemia	12.5	11.9	11.9	10.5	12.8

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

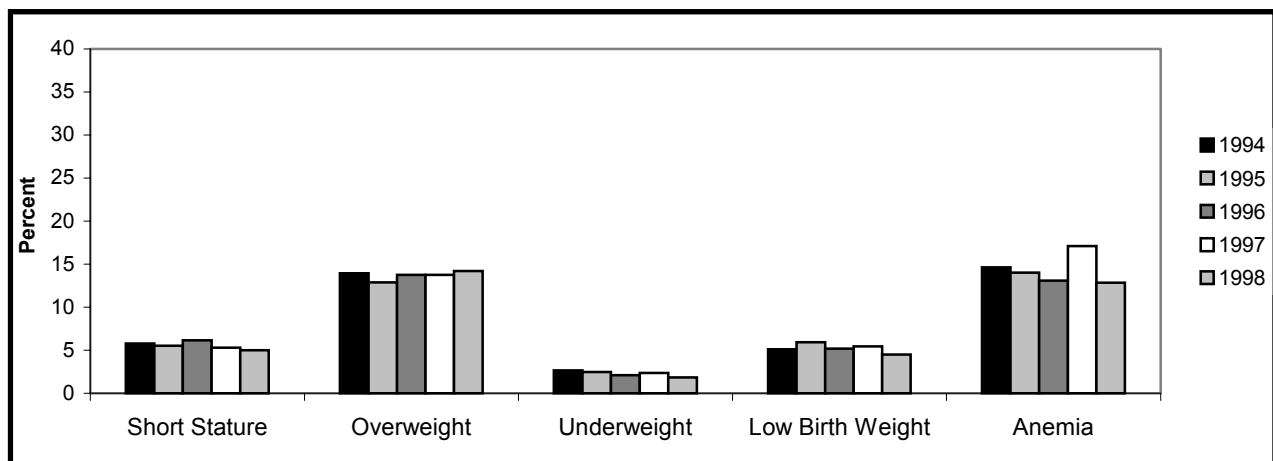
Figure/Table 7.43 Santa Clara County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.2	6.2	6.4	6.2	6.1
Overweight	10.6	10.7	11.0	12.2	12.0
Underweight	3.7	3.3	3.0	2.8	2.8
Low Birth Weight	6.9	9.6	7.2	6.3	6.7
Anemia	17.0	18.1	17.7	15.9	16.9

Figure/Table 7.44 Santa Cruz County

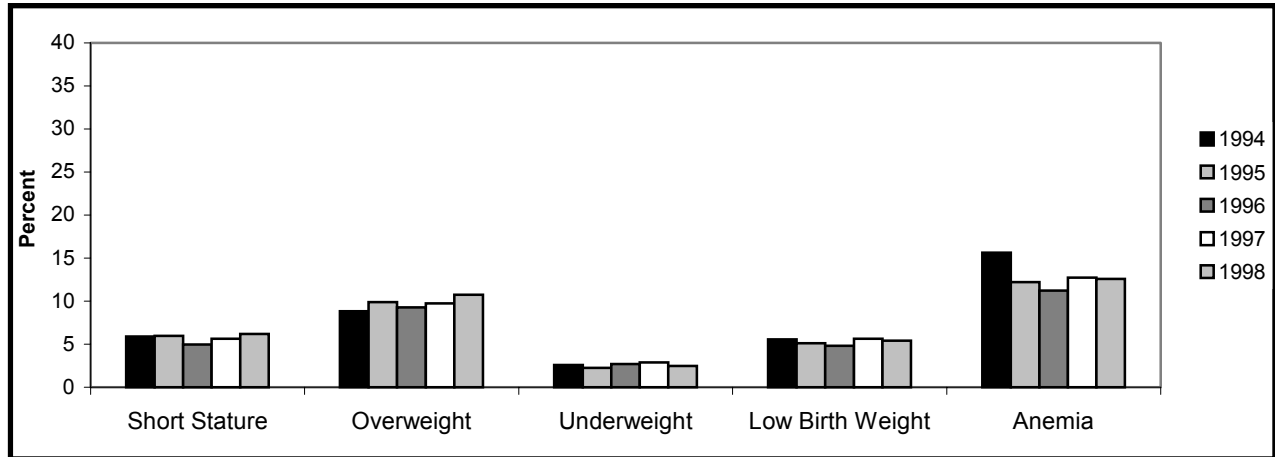


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.8	5.5	6.2	5.3	5.0
Overweight	13.9	12.9	13.7	13.8	14.2
Underweight	2.7	2.5	2.1	2.3	1.8
Low Birth Weight	5.1	5.9	5.2	5.4	4.5
Anemia	14.6	14.0	13.1	17.1	12.8

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

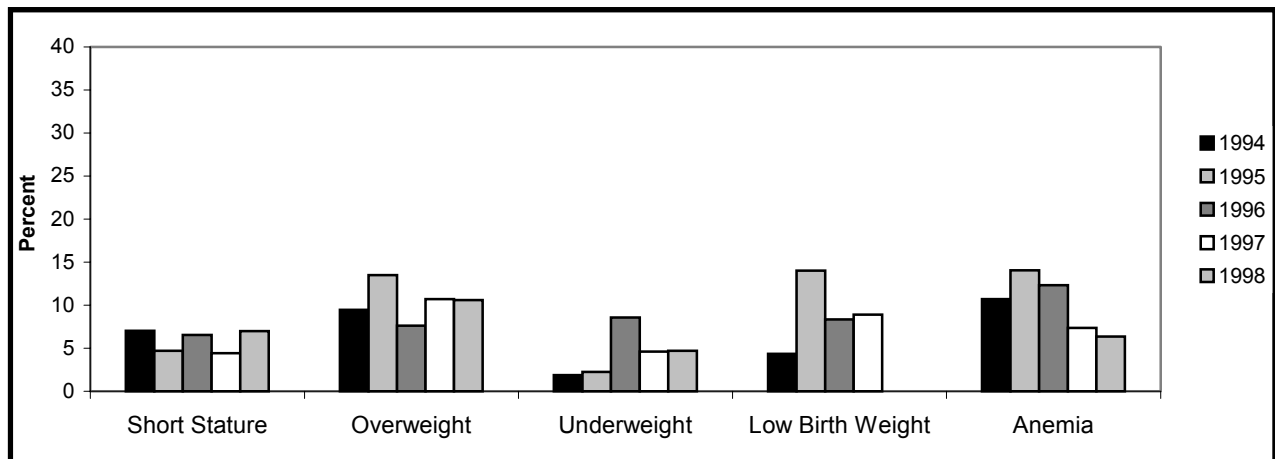
Figure/Table 7.45 Shasta County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.9	6.0	5.0	5.6	6.2
Overweight	8.8	9.9	9.3	9.7	10.7
Underweight	2.6	2.3	2.7	2.9	2.5
Low Birth Weight	5.5	5.1	4.8	5.6	5.4
Anemia	15.6	12.2	11.2	12.7	12.6

Figure/Table 7.46 Sierra County

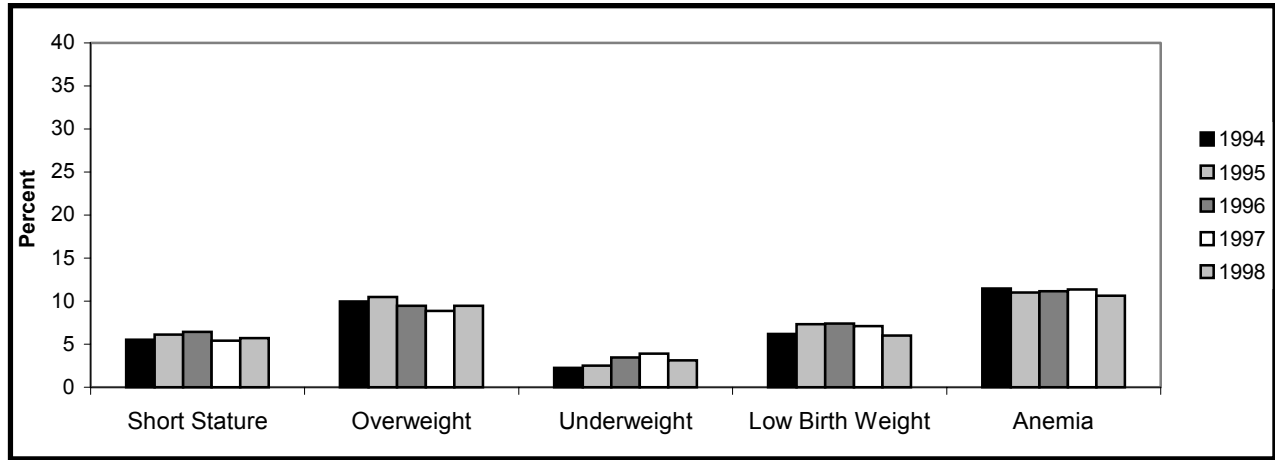


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.0	4.7	6.6	4.4	7.0
Overweight	9.4	13.5	7.6	10.7	10.6
Underweight	1.9	2.2	8.6	4.6	4.7
Low Birth Weight	4.3	14.0	8.3	8.9	0.0
Anemia	10.7	14.1	12.3	7.4	6.3

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

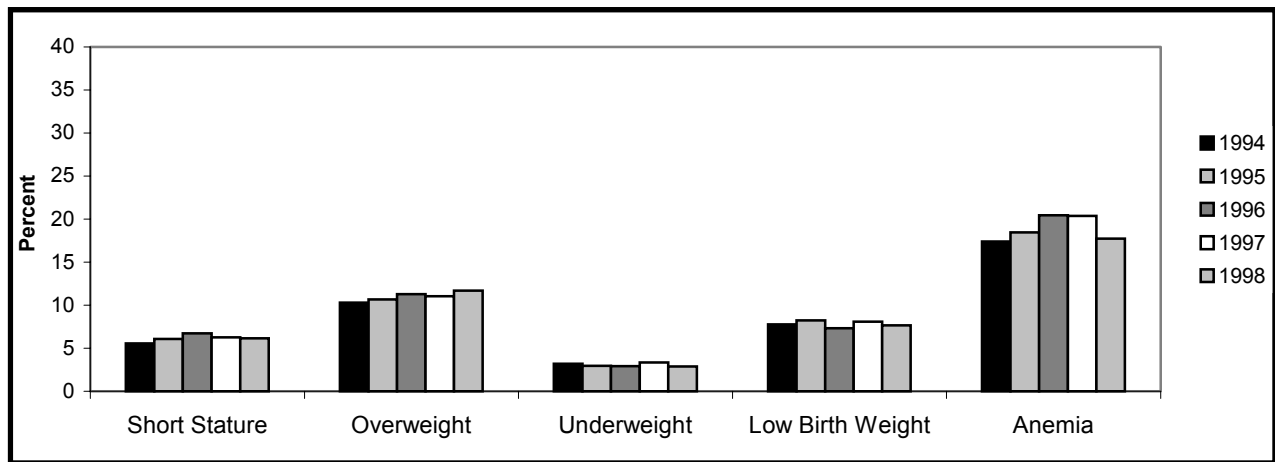
Figure/Table 7.47 Siskiyou County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.5	6.1	6.4	5.4	5.7
Overweight	10.0	10.5	9.4	8.9	9.5
Underweight	2.2	2.5	3.5	3.9	3.1
Low Birth Weight	6.2	7.3	7.4	7.1	6.0
Anemia	11.5	11.0	11.2	11.4	10.6

Figure/Table 7.48 Solano County

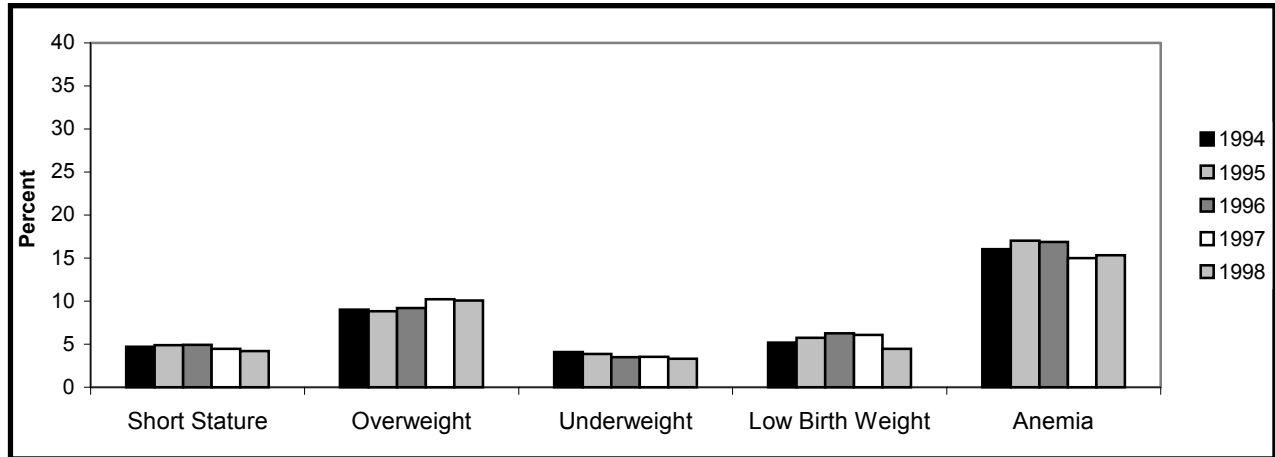


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.6	6.1	6.7	6.2	6.1
Overweight	10.3	10.7	11.3	11.0	11.7
Underweight	3.2	2.9	2.9	3.3	2.8
Low Birth Weight	7.8	8.2	7.3	8.1	7.6
Anemia	17.4	18.5	20.4	20.4	17.7

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

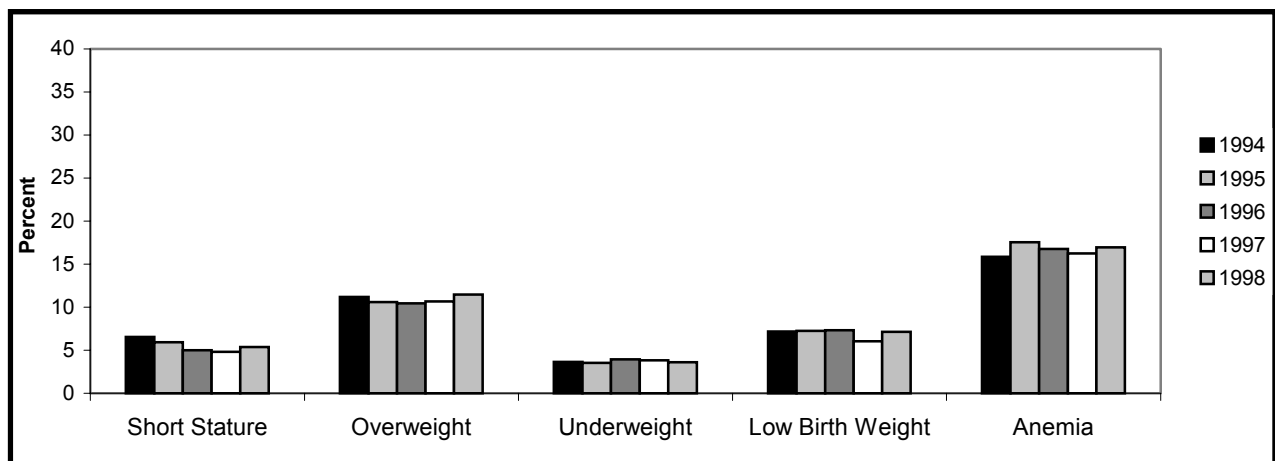
Figure/Table 7.49 Sonoma County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.7	4.9	4.9	4.5	4.2
Overweight	9.0	8.8	9.2	10.2	10.1
Underweight	4.1	3.9	3.5	3.5	3.3
Low Birth Weight	5.2	5.7	6.2	6.1	4.4
Anemia	16.0	17.0	16.9	15.0	15.3

Figure/Table 7.50 Stanislaus County

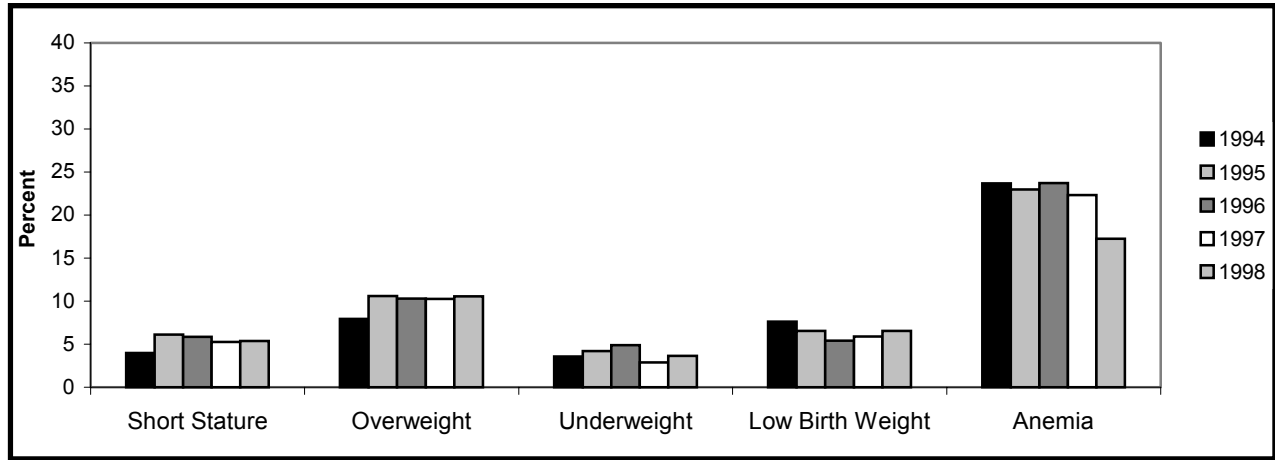


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.5	5.9	5.0	4.8	5.4
Overweight	11.2	10.6	10.4	10.7	11.5
Underweight	3.6	3.5	3.9	3.8	3.6
Low Birth Weight	7.2	7.2	7.3	6.0	7.1
Anemia	15.9	17.5	16.8	16.3	17.0

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

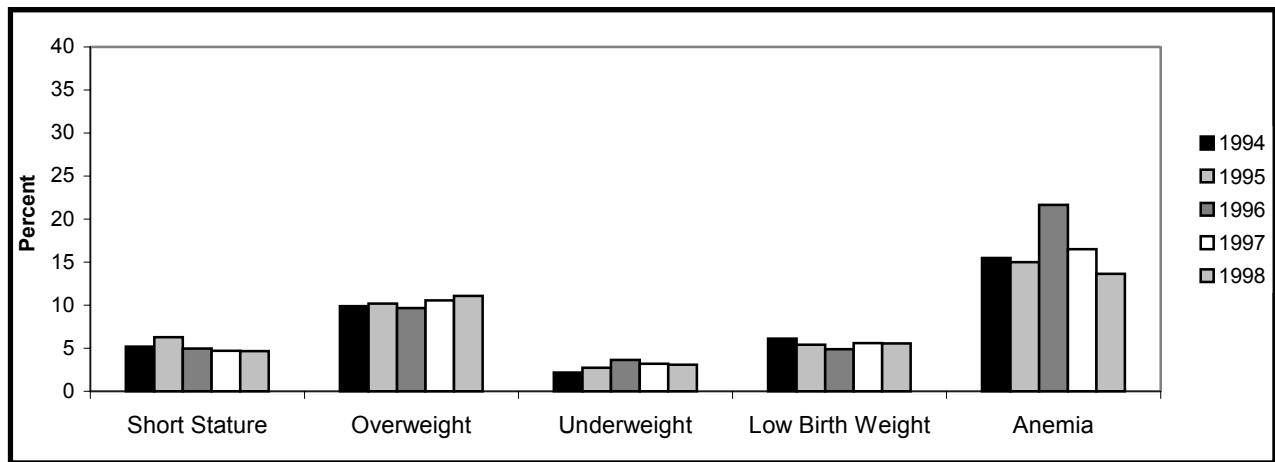
Figure/Table 7.51 Sutter County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	4.0	6.1	5.8	5.3	5.4
Overweight	7.9	10.6	10.3	10.3	10.6
Underweight	3.6	4.2	4.9	2.9	3.6
Low Birth Weight	7.6	6.5	5.4	5.9	6.6
Anemia	23.7	23.0	23.7	22.3	17.2

Figure/Table 7.52 Tehama County

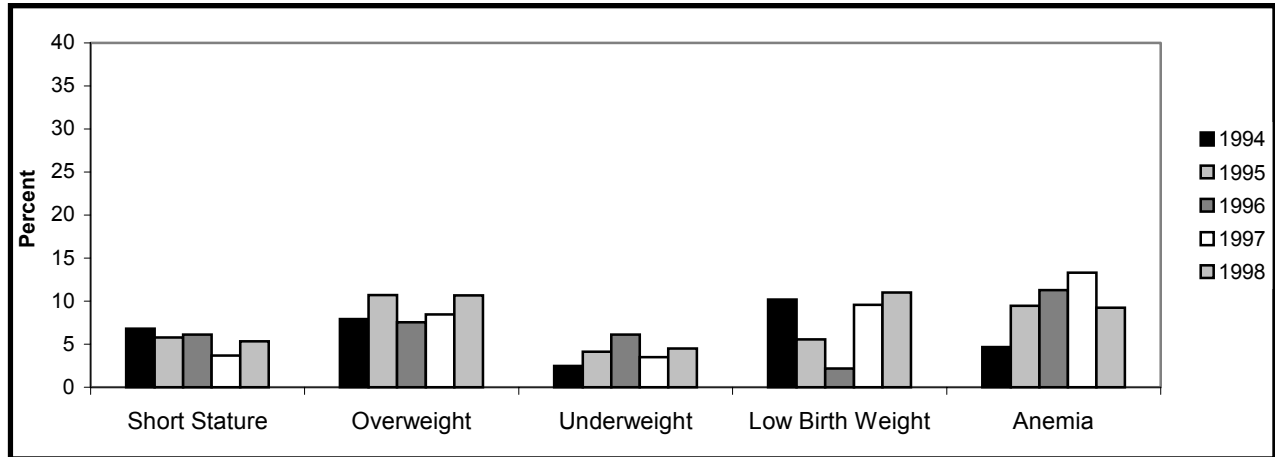


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.2	6.3	5.0	4.7	4.7
Overweight	9.9	10.2	9.7	10.6	11.0
Underweight	2.2	2.7	3.6	3.2	3.1
Low Birth Weight	6.1	5.4	4.9	5.6	5.6
Anemia	15.5	15.0	21.6	16.5	13.6

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

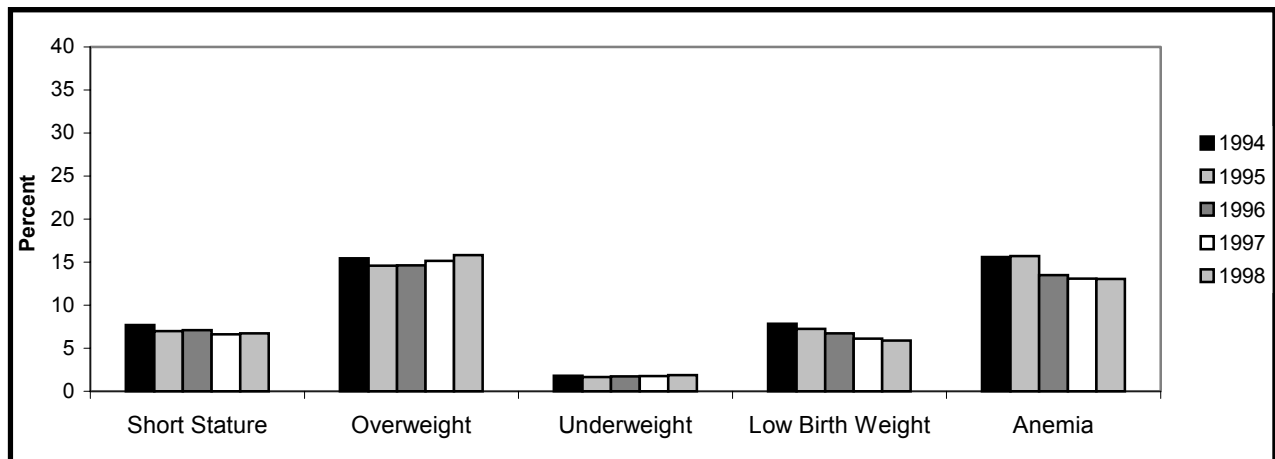
Figure/Table 7.53 Trinity County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.8	5.8	6.1	3.7	5.3
Overweight	7.9	10.7	7.5	8.5	10.7
Underweight	2.5	4.1	6.1	3.5	4.5
Low Birth Weight	10.2	5.6	2.2	9.6	11.0
Anemia	4.7	9.4	11.3	13.3	9.2

Figure/Table 7.54 Tulare County

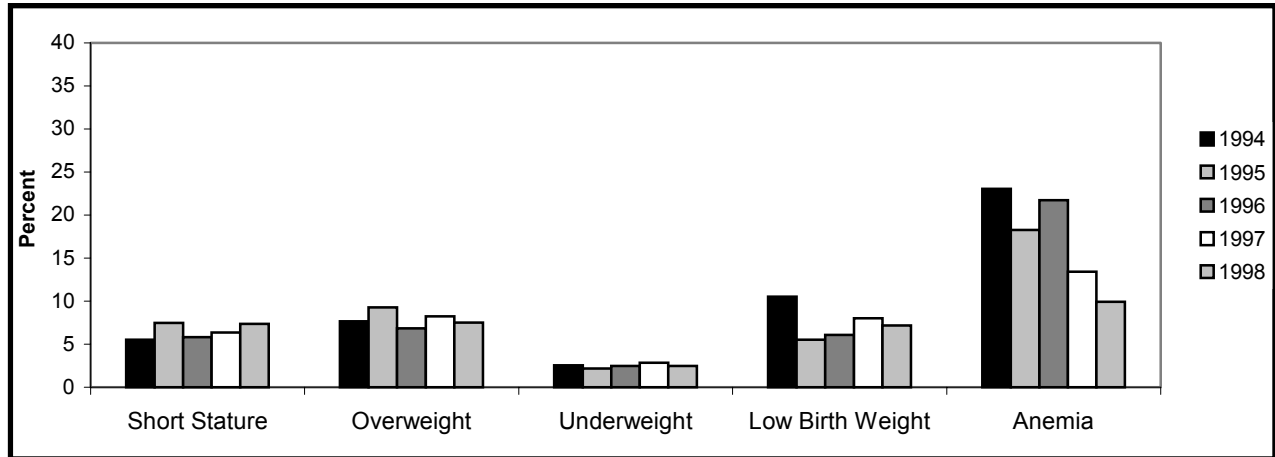


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.7	7.0	7.1	6.6	6.7
Overweight	15.5	14.6	14.6	15.2	15.8
Underweight	1.8	1.6	1.7	1.8	1.9
Low Birth Weight	7.8	7.2	6.7	6.1	5.9
Anemia	15.6	15.7	13.5	13.1	13.1

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

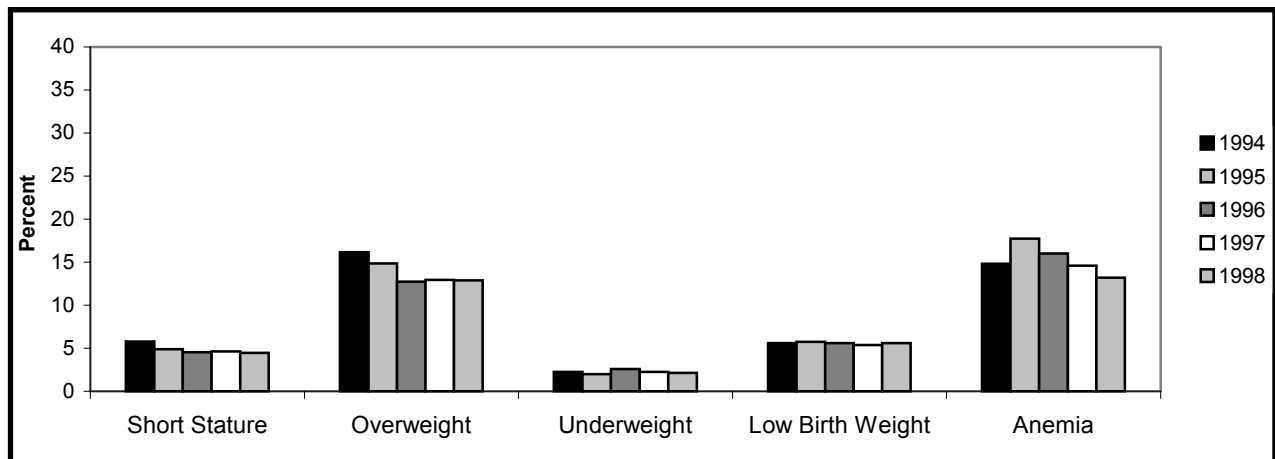
Figure/Table 7.55 Tuolumne County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.5	7.4	5.8	6.4	7.3
Overweight	7.6	9.3	6.8	8.2	7.5
Underweight	2.5	2.2	2.5	2.8	2.5
Low Birth Weight	10.5	5.5	6.1	8.0	7.2
Anemia	23.1	18.3	21.7	13.4	9.9

Figure/Table 7.56 Ventura County

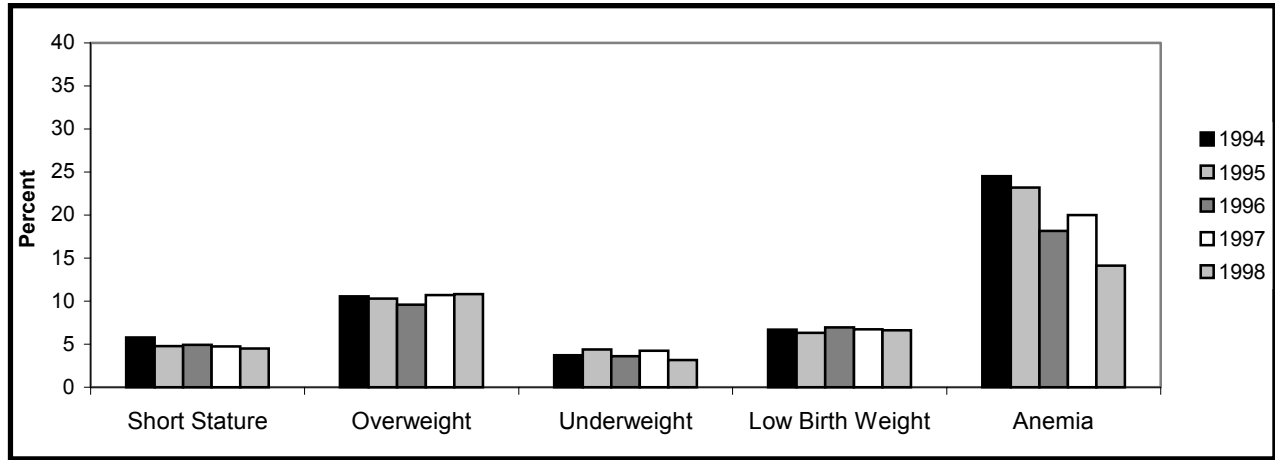


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.8	4.9	4.5	4.6	4.5
Overweight	16.1	14.8	12.7	12.9	12.9
Underweight	2.2	2.0	2.6	2.2	2.1
Low Birth Weight	5.6	5.7	5.6	5.4	5.6
Anemia	14.8	17.7	16.0	14.6	13.2

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

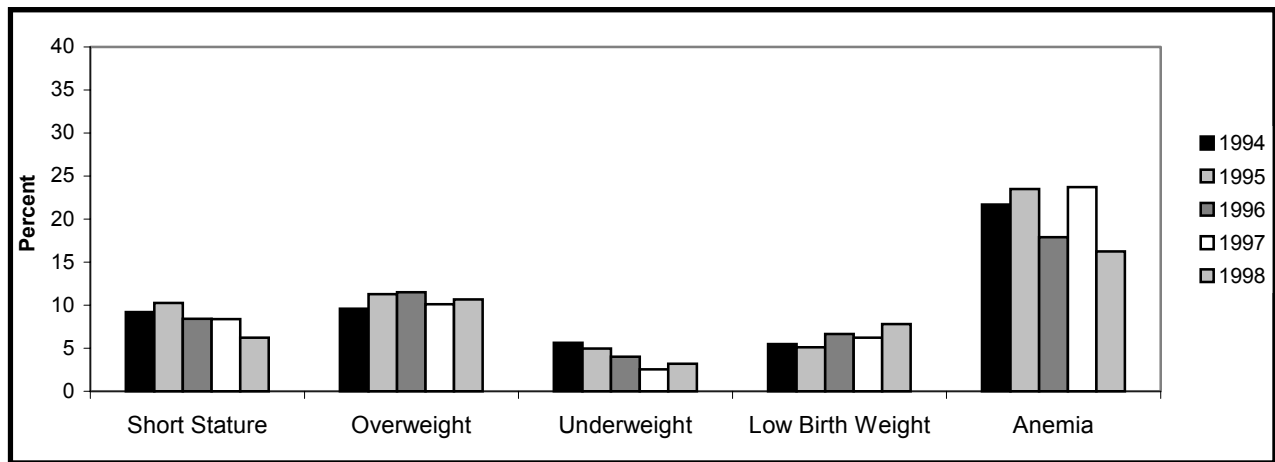
Figure/Table 7.57 Yolo County



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	5.8	4.8	4.9	4.7	4.5
Overweight	10.6	10.3	9.6	10.7	10.8
Underweight	3.7	4.4	3.6	4.2	3.2
Low Birth Weight	6.7	6.3	7.0	6.7	6.6
Anemia	24.5	23.2	18.2	20.0	14.1

Figure/Table 7.58 Yuba County

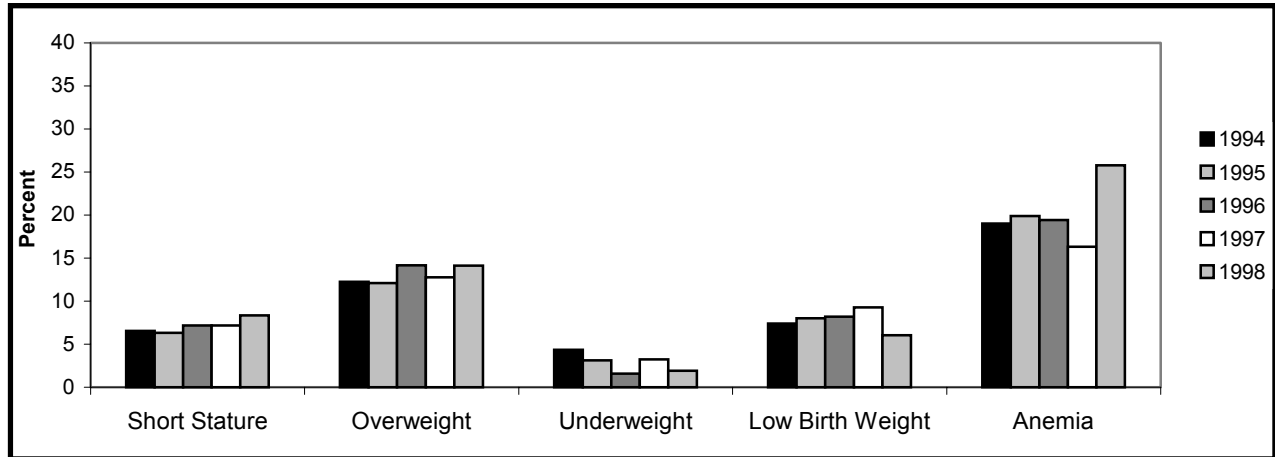


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	9.2	10.3	8.4	8.4	6.2
Overweight	9.6	11.3	11.5	10.1	10.6
Underweight	5.6	5.0	4.0	2.5	3.2
Low Birth Weight	5.5	5.1	6.7	6.2	7.8
Anemia	21.7	23.5	17.9	23.7	16.2

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

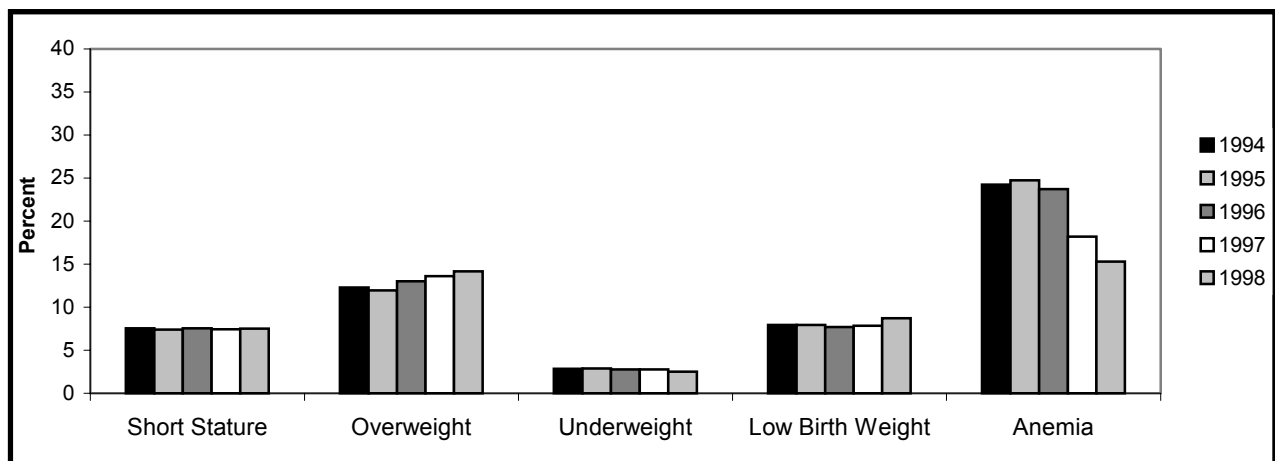
Figure/Table 7.59 City of Berkeley



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.5	6.3	7.2	7.2	8.4
Overweight	12.3	12.1	14.2	12.8	14.1
Underweight	4.3	3.1	1.6	3.2	1.9
Low Birth Weight	7.4	8.0	8.2	9.3	6.0
Anemia	19.0	19.9	19.4	16.3	25.8

Figure/Table 7.60 Alameda County (without Berkeley)

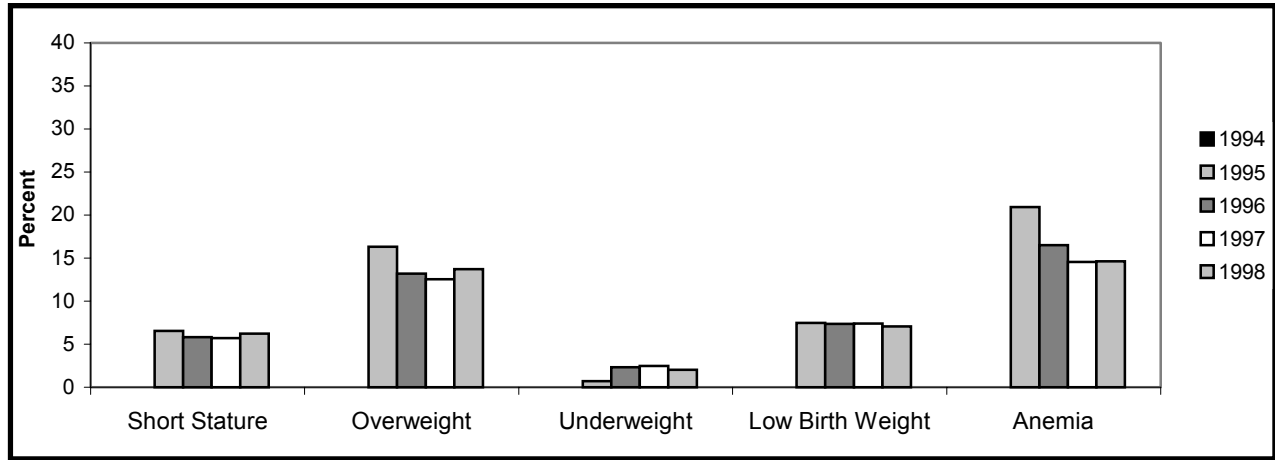


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	7.5	7.4	7.5	7.4	7.5
Overweight	12.3	11.9	13.0	13.6	14.1
Underweight	2.8	2.9	2.8	2.8	2.5
Low Birth Weight	8.0	8.0	7.7	7.8	8.7
Anemia	24.2	24.8	23.7	18.2	15.3

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

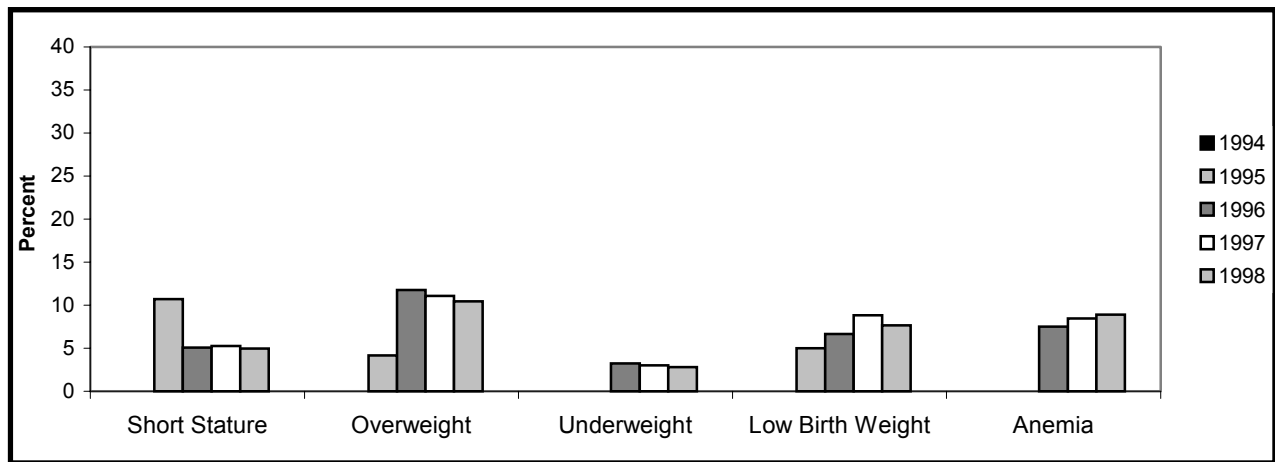
Figure/Table 7.61 City of Long Beach



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	*	6.5	5.8	5.7	6.2
Overweight	*	16.3	13.2	12.6	13.7
Underweight	*	0.7	2.3	2.5	2.0
Low Birth Weight	*	7.5	7.4	7.4	7.1
Anemia	*	20.9	16.5	14.6	14.6

Figure/Table 7.62 City of Pasadena

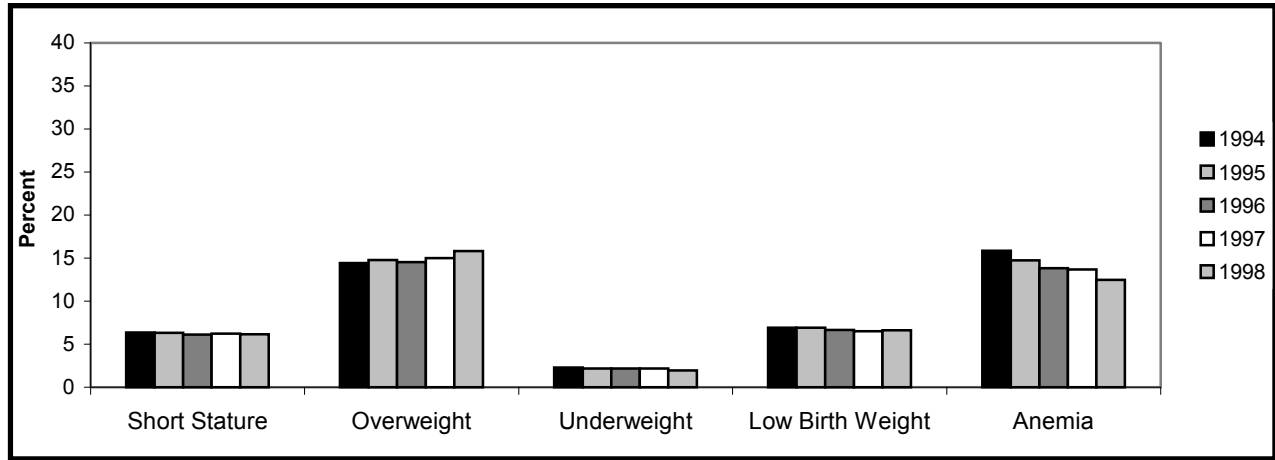


Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	*	10.7	5.1	5.3	5.0
Overweight	*	4.2	11.8	11.1	10.4
Underweight	*	0.0	3.2	3.0	2.8
Low Birth Weight	*	5.0	6.7	8.8	7.7
Anemia	*	0.0	7.5	8.5	8.9

Figure/Table 7. Percent of Health Assessments Exceeding National Standards on Five Nutritional Indicators by Local Health Department

Figure/Table 7.63 Los Angeles County (without Long Beach and Pasadena)



Percent of Health Assessments Exceeding National Standards

Indicators	1994	1995	1996	1997	1998
Short Stature	6.4	6.3	6.1	6.2	6.2
Overweight	14.4	14.8	14.5	15.0	15.8
Underweight	2.3	2.2	2.2	2.2	2.0
Low Birth Weight	6.9	6.9	6.7	6.5	6.6
Anemia	15.8	14.7	13.8	13.7	12.5

Table 8. Ranking of Local Health Departments on Percentage of Health Assessments Exceeding National Standards by Nutritional Indicator and Year in Average Rank Order

A note regarding the following tables:

Missing data. In 1995, the cities of Long Beach and Pasadena in Los Angeles County joined the City of Berkeley in Alameda County in having their health assessment data reported separately by the state. The two city health departments were included in the Los Angeles County figures for 1994 and therefore represented by asterisks (*) in the 1994 data.

Rank order. In these tables, 61 local health departments (58 counties and 3 cities) are ordered from high to low by the percentage exceeding the national standards on each indicator. The jurisdiction with the highest percentage is given a rank of 1 while that with the lowest percentage is given a rank of 61. The average rank is the mean of a jurisdiction's ranks over the five-year period. Ranks for the cities of Long Beach and Pasadena are averaged over a four-year period. For mathematical reasons, the order of the average rank and the average percent, although close, are not the same. The average percent is weighted by the number of assessments in each year while the average rank is the sum of the ranks divided by the number of years.

Table 8.1. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Short Stature* (in Average Rank Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	6.4
Merced	3	4	4	2	1	2.8	8.4
Fresno	6	9	6	3	4	5.6	7.9
San Joaquin	4	7	5	8	5	5.8	7.9
Yuba	2	2	2	1	22	5.8	8.5
San Francisco	9	6	7	5	3	6.0	7.8
Alameda	8	12	8	6	6	8.0	7.5
Mono	1	5	12	7	18	8.6	7.8
Amador	18	17	11	4	8	11.6	7.2
San Bernardino	15	14	9	12	13	12.6	7.1
Riverside	12	10	15	14	15	13.2	7.1
Tulare	7	16	14	16	14	13.4	7.0
Contra Costa	11	20	18	14	11	14.8	6.9
Berkeley	23	26	13	10	2	14.8	7.1
Inyo	29	19	3	30	12	18.6	6.7
Sacramento	24	31	20	13	9	19.4	6.7
Madera	10	3	17	35	35	20.0	6.8
Del Norte	47	13	19	9	17	21.0	6.6
Tuolumne	43	11	37	19	7	23.4	6.5
Calaveras	16	22	16	18	50	24.4	6.4
San Benito	5	8	38	37	37	25.0	6.6
Kern	17	28	32	22	29	25.6	6.3
Lassen	37	15	41	17	18	25.6	6.2
Santa Clara	26	30	24	22	26	25.6	6.2
San Diego	20	25	26	27	31	25.8	6.3
Butte	21	18	25	28	41	26.6	6.2
Los Angeles	25	26	32	25	25	26.6	6.2
Plumas	29	21	40	11	32	26.6	6.2
Long Beach	*	23	36	28	22	27.3	6.1
Orange	31	37	26	25	26	29.0	6.1
Solano	42	35	21	22	26	29.2	6.1

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
Sierra	14	55	22	55	10	31.2	5.9
Placer	27	24	28	37	46	32.4	5.9
Mariposa	59	44	10	39	18	34.0	5.6
Siskiyou	44	34	23	36	34	34.2	5.8
Pasadena	*	1	48	41	48	34.5	6.5
Santa Barbara	28	39	31	43	33	34.8	5.8
San Mateo	44	47	34	20	30	35.0	5.8
Shasta	34	40	50	30	24	35.6	5.7
Humboldt	35	36	43	32	44	38.0	5.6
Trinity	19	42	30	61	42	38.8	5.5
Kings	32	45	54	46	21	39.6	5.5
Santa Cruz	38	46	28	40	47	39.8	5.6
Stanislaus	22	41	49	49	39	40.0	5.5
Sutter	56	32	35	41	40	40.8	5.3
Alpine	53	57	1	34	60	41.0	5.7
El Dorado	50	43	42	33	38	41.2	5.4
San Luis Obispo	46	38	38	44	43	41.8	5.5
Glenn	13	48	56	50	44	42.2	5.4
Lake	36	49	44	56	36	44.2	5.3
Marin	33	32	47	58	54	44.8	5.2
Tehama	48	29	51	52	52	46.4	5.2
Napa	54	61	46	21	55	47.4	4.9
Modoc	58	59	45	60	16	47.6	4.7
Monterey	41	50	57	48	53	49.8	5.0
Yolo	38	54	53	51	56	50.4	4.9
Mendocino	49	55	58	45	49	51.2	4.8
Ventura	40	51	59	53	57	52.0	4.9
Sonoma	51	52	52	54	59	53.6	4.6
Nevada	56	58	59	47	51	54.2	4.5
Imperial	52	53	55	56	58	54.8	4.6
Colusa	55	60	61	59	61	59.2	4.1

Table 8.2. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Overweight* (in Average Rank Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	13.4
Tulare	2	5	1	2	4	2.8	15.1
Los Angeles	3	4	2	3	3	3.0	14.9
San Benito	4	6	4	1	1	3.2	15.4
Merced	7	8	8	4	6	6.6	14.0
Orange	6	9	9	8	7	7.8	13.8
Santa Cruz	5	16	6	6	11	8.8	13.7
Fresno	12	11	7	11	10	10.2	13.5
Riverside	8	7	11	10	16	10.4	13.7
Kings	9	12	27	5	2	11.0	14.2
Madera	11	2	12	14	23	12.4	13.5
Ventura	1	3	18	18	24	12.8	13.9
Long Beach	*	1	10	24	17	13.0	13.9
Kern	13	18	16	15	12	14.8	13.1
Alameda	16	26	13	9	13	15.4	13.0
Contra Costa	20	22	24	7	5	15.6	13.0
San Francisco	14	13	20	17	15	15.8	13.2
Berkeley	17	24	3	21	14	15.8	13.1
Monterey	10	10	15	23	22	16.0	13.1
Imperial	15	19	23	13	18	17.6	12.9
San Bernardino	22	17	14	19	19	18.2	12.8
Amador	23	15	17	16	25	19.2	12.7
Colusa	18	21	25	27	9	20.0	12.6
Alpine	41	49	5	21	8	24.8	12.0
San Joaquin	26	27	26	25	20	24.8	12.3
Calaveras	25	29	29	12	30	25.0	12.1
Santa Barbara	21	20	28	33	28	26.0	12.0
San Mateo	31	30	31	20	21	26.6	12.0
Glenn	24	23	21	29	38	27.0	11.9
Marin	29	25	19	36	33	28.4	11.7
San Diego	27	28	32	31	27	29.0	11.7

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
Inyo	19	44	40	28	26	31.4	11.3
Santa Clara	32	35	36	26	29	31.6	11.3
Del Norte	28	33	22	32	47	32.4	11.3
Humboldt	36	31	35	30	31	32.6	11.2
Solano	35	37	34	35	32	34.6	11.0
Stanislaus	30	38	37	39	34	35.6	10.9
Yolo	33	42	43	37	40	39.0	10.4
Sierra	43	14	56	38	45	39.2	10.4
Yuba	42	32	33	47	44	39.6	10.6
Sacramento	38	46	39	43	35	40.2	10.4
Tehama	39	43	42	41	37	40.4	10.3
Lake	40	34	47	41	41	40.6	10.3
Pasadena	*	61	30	34	48	43.3	9.4
Sutter	51	39	38	44	46	43.6	9.9
San Luis Obispo	34	41	44	53	52	44.8	9.9
Siskiyou	37	40	45	54	54	46.0	9.6
Shasta	47	45	48	52	42	46.8	9.7
Mendocino	44	53	51	49	39	47.2	9.5
Plumas	53	47	54	48	36	47.6	9.3
Sonoma	45	52	49	45	49	48.0	9.5
Napa	58	56	40	40	50	48.8	8.8
Trinity	52	36	58	55	43	48.8	9.0
Butte	48	51	45	51	53	49.6	9.3
Placer	46	50	52	57	55	52.0	8.7
Lassen	56	54	55	50	51	53.2	8.5
Mariposa	50	57	57	46	58	53.6	8.2
Mono	49	58	50	58	57	54.4	8.2
Tuolumne	55	48	61	56	60	56.0	7.9
Modoc	57	59	53	59	56	56.8	7.7
El Dorado	54	55	60	61	59	57.8	7.3
Nevada	59	60	59	60	61	59.8	6.4

Table 8.3. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Underweight* (in Average Rank Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	2.5
Nevada	3	6	8	3	6	5.2	4.8
El Dorado	10	1	10	4	4	5.8	4.7
Modoc	7	7	5	11	1	6.2	4.7
Napa	4	4	12	13	17	10.0	4.2
Mariposa	14	3	2	32	2	10.6	4.6
Mendocino	23	8	6	8	9	10.8	4.2
Plumas	11	2	4	9	32	11.6	4.3
Colusa	5	28	15	5	7	12.0	4.1
Lake	27	20	9	2	8	13.2	4.0
Yolo	13	9	19	7	19	13.4	3.8
Stanislaus	16	16	14	14	11	14.2	3.7
San Luis Obispo	20	22	11	9	12	14.8	3.7
Sutter	19	10	6	29	10	14.8	3.8
Sonoma	9	13	23	16	15	15.2	3.7
Trinity	40	11	3	17	5	15.2	4.1
Imperial	2	15	27	14	21	15.8	3.8
Yuba	1	5	13	45	17	16.2	4.1
Butte	7	12	16	20	35	18.0	3.6
Placer	18	14	17	26	25	20.0	3.5
Sacramento	12	17	31	21	20	20.2	3.3
Sierra	55	42	1	6	3	21.4	4.4
San Mateo	17	21	25	37	16	23.2	3.3
Mono	24	44	21	1	31	24.2	4.0
San Diego	21	18	26	28	28	24.2	3.2
Amador	28	26	32	25	13	24.8	3.1
Santa Clara	15	19	33	36	30	26.6	3.1
Solano	26	27	35	18	27	26.6	3.1
Lassen	25	31	29	24	33	28.4	3.0
Siskiyou	51	36	24	12	21	28.8	3.0
Tehama	53	33	18	23	23	30.0	3.0

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
Calaveras	36	35	22	41	24	31.6	2.9
Contra Costa	29	24	30	40	38	32.2	2.9
Berkeley	6	23	60	22	55	33.2	2.8
Alameda	30	29	37	35	37	33.6	2.7
Monterey	35	32	36	31	36	34.0	2.7
San Joaquin	39	34	41	39	26	35.8	2.7
Glenn	33	25	43	37	42	36.0	2.7
Pasadena	*	61	28	27	29	36.3	2.3
Alpine	59	48	20	44	14	37.0	2.6
Shasta	36	42	38	29	41	37.2	2.6
Inyo	31	47	41	19	54	38.4	2.5
Santa Barbara	34	40	45	41	38	39.6	2.5
Tuolumne	38	46	45	32	38	39.8	2.5
Kern	43	30	39	50	44	41.2	2.5
Marin	46	38	54	34	34	41.2	2.4
San Bernardino	47	39	44	41	45	43.2	2.4
San Benito	22	52	33	52	61	44.0	2.4
Orange	41	41	48	47	46	44.6	2.4
Santa Cruz	32	36	55	51	57	46.2	2.3
San Francisco	45	50	47	48	43	46.6	2.3
Ventura	49	51	40	53	47	48.0	2.2
Madera	41	54	53	45	48	48.2	2.2
Los Angeles	47	45	51	54	53	50.0	2.1
Riverside	49	49	52	55	51	51.2	2.1
Long Beach	*	60	49	48	50	51.8	1.9
Kings	43	58	50	57	59	53.4	1.9
Humboldt	54	53	56	56	49	53.6	1.9
Del Norte	52	57	61	61	52	56.6	1.5
Fresno	56	55	57	58	58	56.8	1.8
Tulare	57	56	59	59	56	57.4	1.8
Merced	58	59	58	60	60	59.0	1.5

Table 8.4. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Low Birth Weight* (in Average Rank Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	6.9
Mono	1	2	5	1	14	4.6	12.1
San Francisco	16	10	3	3	9	8.2	8.6
Lassen	9	8	6	11	9	8.6	8.7
Sacramento	10	7	14	7	8	9.2	8.5
San Joaquin	12	17	13	8	7	11.4	8.0
San Benito	8	16	1	27	6	11.6	9.8
Alameda	13	14	17	13	4	12.2	8.0
Mariposa	2	1	9	10	42	12.8	10.3
Solano	15	12	23	9	13	14.4	7.8
Marin	28	15	8	23	3	15.4	7.7
Madera	3	4	2	36	33	15.6	9.3
Plumas	11	11	16	25	18	16.2	7.7
Berkeley	23	13	10	4	39	17.8	7.8
Riverside	4	9	31	24	24	18.4	8.3
Fresno	21	21	25	16	18	20.2	7.4
San Bernardino	19	23	18	20	21	20.2	7.4
Kern	17	26	27	18	15	20.6	7.4
Long Beach	*	24	21	16	23	21.0	7.3
Amador	5	5	40	19	38	21.4	8.0
Contra Costa	22	30	28	14	16	22.0	7.3
Trinity	7	51	61	2	1	24.4	7.7
Santa Clara	27	6	26	34	31	24.8	7.3
Tuolumne	6	52	42	12	17	25.8	7.5
Lake	46	38	12	29	5	26.0	7.1
Sierra	57	3	7	5	61	26.6	7.1
Inyo	35	21	19	59	2	27.2	7.4
Stanislaus	25	29	22	40	20	27.2	7.0
Pasadena	*	59	33	6	12	27.5	7.0
Butte	30	35	15	15	44	27.8	6.9
Siskiyou	39	27	19	21	40	29.2	6.8

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
San Mateo	41	32	24	27	25	29.8	6.8
Tulare	14	28	30	37	41	30.0	6.8
Kings	29	25	37	38	22	30.2	6.8
El Dorado	47	41	11	21	32	30.4	6.8
San Diego	20	31	36	31	36	30.8	6.8
Yolo	32	39	28	26	34	31.8	6.7
Los Angeles	26	34	33	32	35	32.0	6.7
Placer	36	18	4	48	55	32.2	6.8
Merced	38	37	38	30	27	34.0	6.5
San Luis Obispo	33	44	45	33	28	36.6	6.3
Sutter	18	36	50	43	37	36.8	6.4
Yuba	51	58	32	35	11	37.4	6.3
Calaveras	49	20	41	41	58	41.8	5.9
Santa Barbara	43	49	46	44	30	42.4	6.0
Mendocino	31	53	35	54	45	43.6	5.9
Del Norte	45	33	52	42	48	44.0	5.9
Imperial	34	40	44	51	53	44.4	5.9
Nevada	39	55	57	57	26	46.8	5.5
Orange	52	50	43	47	43	47.0	5.7
Humboldt	44	43	49	46	54	47.2	5.7
Napa	24	42	59	61	50	47.2	5.4
Sonoma	54	47	39	39	57	47.2	5.5
Ventura	48	46	48	53	46	48.2	5.6
Alpine	59	19	60	56	52	49.2	4.5
Tehama	42	54	55	50	47	49.6	5.5
Monterey	53	48	54	45	49	49.8	5.4
Modoc	58	56	47	60	29	50.0	4.9
Santa Cruz	55	44	51	52	56	51.6	5.2
Shasta	50	57	56	49	50	52.4	5.3
Glenn	37	61	53	55	60	53.2	4.8
Colusa	56	60	58	58	59	58.2	4.4

Table 8.5. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Anemia* (in Average Rank Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	14.8
Kings	7	6	3	2	4	4.4	22.5
Sutter	4	5	2	4	7	4.4	22.0
Alameda	3	2	1	11	16	6.6	21.2
Yuba	7	3	14	3	11	7.6	20.6
Colusa	1	1	7	10	21	8.0	21.0
Yolo	2	4	13	9	23	10.2	20.0
Solano	15	15	8	8	6	10.4	18.9
Berkeley	12	12	10	17	2	10.6	20.1
Sacramento	9	14	12	15	5	11.0	18.6
Glenn	10	7	9	5	26	11.4	19.6
Contra Costa	6	8	24	13	12	12.6	18.7
Mono	35	26	4	1	1	13.4	23.8
Napa	14	10	18	7	18	13.4	18.2
Santa Clara	17	18	16	21	9	16.2	17.1
Stanislaus	22	21	22	18	8	18.2	16.7
Del Norte	49	11	27	6	3	19.2	17.9
San Bernardino	18	16	21	22	20	19.4	16.5
Long Beach	*	9	23	29	19	20.0	16.7
Madera	19	28	11	12	31	20.2	16.5
Sonoma	20	22	19	25	15	20.2	16.0
San Luis Obispo	29	19	20	20	17	21.0	16.1
Orange	27	29	17	23	10	21.2	16.1
Tehama	26	31	6	16	27	21.2	16.5
Merced	13	24	24	27	22	22.0	16.1
Tuolumne	5	17	5	36	51	22.8	17.3
Riverside	20	25	26	26	24	24.2	15.6
Butte	11	13	35	33	40	26.4	15.8
Ventura	28	20	28	28	29	26.6	15.3
Humboldt	39	33	34	19	13	27.6	14.9
Monterey	16	23	32	31	36	27.6	15.1

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
Mendocino	34	41	30	24	14	28.6	14.9
Santa Cruz	31	38	41	14	33	31.4	14.3
Tulare	25	30	40	39	30	32.8	14.2
Calaveras	31	32	42	35	25	33.0	14.0
Los Angeles	23	34	38	34	38	33.4	14.1
Placer	31	35	31	46	32	35.0	13.7
Amador	30	27	29	49	48	36.6	13.7
San Francisco	36	42	37	30	39	36.8	13.4
San Mateo	41	39	36	32	45	38.6	13.2
Shasta	24	45	49	41	37	39.2	12.9
Fresno	37	36	43	43	43	40.4	12.9
Alpine	48	48	15	40	53	40.8	12.4
Nevada	51	43	33	44	35	41.2	12.5
San Diego	40	40	39	42	46	41.4	12.8
Santa Barbara	42	46	47	52	34	44.2	11.9
Inyo	55	57	56	38	28	46.8	10.7
Kern	38	44	52	51	50	47.0	11.6
San Joaquin	43	49	53	48	42	47.0	11.4
Lake	45	53	44	50	47	47.8	11.2
Plumas	50	50	46	53	41	48.0	11.1
Siskiyou	44	52	51	45	49	48.2	11.1
Sierra	46	37	45	58	60	49.2	10.2
Trinity	58	56	48	37	55	50.8	9.6
El Dorado	53	55	50	47	54	51.8	10.0
Marin	47	47	55	59	52	52.0	9.9
Mariposa	57	59	54	54	44	53.6	8.9
San Benito	52	51	57	55	59	54.8	9.1
Imperial	56	54	58	56	57	56.2	8.6
Pasadena	*	61	59	57	56	58.3	6.2
Modoc	54	58	60	60	61	58.6	6.4
Lassen	59	60	61	61	58	59.8	5.2

Table 9. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards by Nutritional Indicator and Year in Alphabetical Order

A note regarding the following tables:

Missing data. In 1995, the cities of Long Beach and Pasadena in Los Angeles County joined the City of Berkeley in Alameda County in having their health assessment data reported separately by the state. The two city health departments were included in the Los Angeles County figures for 1994 and therefore represented by asterisks (*) in the 1994 data.

Rank order. In these tables, 61 local health departments (58 counties and 3 cities) are ordered from high to low by the percentage exceeding the national standards on each indicator. The jurisdiction with the highest percentage is given a rank of 1 while that with the lowest percentage is given a rank of 61. The average rank is the mean of a jurisdiction's ranks over the five-year period. Ranks for the cities of Long Beach and Pasadena are averaged over a four-year period. For mathematical reasons, the order of the average rank and the average percent, although close, are not the same. The average percent is weighted by the number of assessments in each year while the average rank is the sum of the ranks divided by the number of years.

Table 9.1. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Short Stature* (in Alphabetical Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	6.4
Alameda	8	12	8	6	6	8.0	7.5
Alpine	53	57	1	34	60	41.0	5.7
Amador	18	17	11	4	8	11.6	7.2
Berkeley	23	26	13	10	2	14.8	7.1
Butte	21	18	25	28	41	26.6	6.2
Calaveras	16	22	16	18	50	24.4	6.4
Colusa	55	60	61	59	61	59.2	4.1
Contra Costa	11	20	18	14	11	14.8	6.9
Del Norte	47	13	19	9	17	21.0	6.6
El Dorado	50	43	42	33	38	41.2	5.4
Fresno	6	9	6	3	4	5.6	7.9
Glenn	13	48	56	50	44	42.2	5.4
Humboldt	35	36	43	32	44	38.0	5.6
Imperial	52	53	55	56	58	54.8	4.6
Inyo	29	19	3	30	12	18.6	6.7
Kern	17	28	32	22	29	25.6	6.3
Kings	32	45	54	46	21	39.6	5.5
Los Angeles	25	26	32	25	25	26.6	6.2
Lake	36	49	44	56	36	44.2	5.3
Lassen	37	15	41	17	18	25.6	6.2
Long Beach	*	23	36	28	22	27.3	6.1
Madera	10	3	17	35	35	20.0	6.8
Marin	33	32	47	58	54	44.8	5.2
Mariposa	59	44	10	39	18	34.0	5.6
Mendocino	49	55	58	45	49	51.2	4.8
Merced	3	4	4	2	1	2.8	8.4
Modoc	58	59	45	60	16	47.6	4.7
Mono	1	5	12	7	18	8.6	7.8
Monterey	41	50	57	48	53	49.8	5.0
Napa	54	61	46	21	55	47.4	4.9

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
Nevada	56	58	59	47	51	54.2	4.5
Orange	31	37	26	25	26	29.0	6.1
Pasadena	*	1	48	41	48	34.5	6.5
Placer	27	24	28	37	46	32.4	5.9
Plumas	29	21	40	11	32	26.6	6.2
Riverside	12	10	15	14	15	13.2	7.1
Sacramento	24	31	20	13	9	19.4	6.7
San Benito	5	8	38	37	37	25.0	6.6
San Bernardino	15	14	9	12	13	12.6	7.1
San Diego	20	25	26	27	31	25.8	6.3
San Francisco	9	6	7	5	3	6.0	7.8
San Joaquin	4	7	5	8	5	5.8	7.9
San Luis Obispo	46	38	38	44	43	41.8	5.5
San Mateo	44	47	34	20	30	35.0	5.8
Santa Barbara	28	39	31	43	33	34.8	5.8
Santa Clara	26	30	24	22	26	25.6	6.2
Santa Cruz	38	46	28	40	47	39.8	5.6
Shasta	34	40	50	30	24	35.6	5.7
Sierra	14	55	22	55	10	31.2	5.9
Siskiyou	44	34	23	36	34	34.2	5.8
Solano	42	35	21	22	26	29.2	6.1
Sonoma	51	52	52	54	59	53.6	4.6
Stanislaus	22	41	49	49	39	40.0	5.5
Sutter	56	32	35	41	40	40.8	5.3
Tehama	48	29	51	52	52	46.4	5.2
Trinity	19	42	30	61	42	38.8	5.5
Tulare	7	16	14	16	14	13.4	7.0
Tuolumne	43	11	37	19	7	23.4	6.5
Ventura	40	51	59	53	57	52.0	4.9
Yolo	38	54	53	51	56	50.4	4.9
Yuba	2	2	2	1	22	5.8	8.5

Table 9.2. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Overweight* (in Alphabetical Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	13.4
Alameda	16	26	13	9	13	15.4	13.0
Alpine	41	49	5	21	8	24.8	12.0
Amador	23	15	17	16	25	19.2	12.7
Berkeley	17	24	3	21	14	15.8	13.1
Butte	48	51	45	51	53	49.6	9.3
Calaveras	25	29	29	12	30	25.0	12.1
Colusa	18	21	25	27	9	20.0	12.6
Contra Costa	20	22	24	7	5	15.6	13.0
Del Norte	28	33	22	32	47	32.4	11.3
El Dorado	54	55	60	61	59	57.8	7.3
Fresno	12	11	7	11	10	10.2	13.5
Glenn	24	23	21	29	38	27.0	11.9
Humboldt	36	31	35	30	31	32.6	11.2
Imperial	15	19	23	13	18	17.6	12.9
Inyo	19	44	40	28	26	31.4	11.3
Kern	13	18	16	15	12	14.8	13.1
Kings	9	12	27	5	2	11.0	14.2
Los Angeles	3	4	2	3	3	3.0	14.9
Lake	40	34	47	41	41	40.6	10.3
Lassen	56	54	55	50	51	53.2	8.5
Long Beach	*	1	10	24	17	13.0	13.9
Madera	11	2	12	14	23	12.4	13.5
Marin	29	25	19	36	33	28.4	11.7
Mariposa	50	57	57	46	58	53.6	8.2
Mendocino	44	53	51	49	39	47.2	9.5
Merced	7	8	8	4	6	6.6	14.0
Modoc	57	59	53	59	56	56.8	7.7
Mono	49	58	50	58	57	54.4	8.2
Monterey	10	10	15	23	22	16.0	13.1
Napa	58	56	40	40	50	48.8	8.8

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
Nevada	59	60	59	60	61	59.8	6.4
Orange	6	9	9	8	7	7.8	13.8
Pasadena	*	61	30	34	48	43.3	9.4
Placer	46	50	52	57	55	52.0	8.7
Plumas	53	47	54	48	36	47.6	9.3
Riverside	8	7	11	10	16	10.4	13.7
Sacramento	38	46	39	43	35	40.2	10.4
San Benito	4	6	4	1	1	3.2	15.4
San Bernardino	22	17	14	19	19	18.2	12.8
San Diego	27	28	32	31	27	29.0	11.7
San Francisco	14	13	20	17	15	15.8	13.2
San Joaquin	26	27	26	25	20	24.8	12.3
San Luis Obispo	34	41	44	53	52	44.8	9.9
San Mateo	31	30	31	20	21	26.6	12.0
Santa Barbara	21	20	28	33	28	26.0	12.0
Santa Clara	32	35	36	26	29	31.6	11.3
Santa Cruz	5	16	6	6	11	8.8	13.7
Shasta	47	45	48	52	42	46.8	9.7
Sierra	43	14	56	38	45	39.2	10.4
Siskiyou	37	40	45	54	54	46.0	9.6
Solano	35	37	34	35	32	34.6	11.0
Sonoma	45	52	49	45	49	48.0	9.5
Stanislaus	30	38	37	39	34	35.6	10.9
Sutter	51	39	38	44	46	43.6	9.9
Tehama	39	43	42	41	37	40.4	10.3
Trinity	52	36	58	55	43	48.8	9.0
Tulare	2	5	1	2	4	2.8	15.1
Tuolumne	55	48	61	56	60	56.0	7.9
Ventura	1	3	18	18	24	12.8	13.9
Yolo	33	42	43	37	40	39.0	10.4
Yuba	42	32	33	47	44	39.6	10.6

Table 9.3. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Underweight* (in Alphabetical Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	2.5
Alameda	30	29	37	35	37	33.6	2.7
Alpine	59	48	20	44	14	37.0	2.6
Amador	28	26	32	25	13	24.8	3.1
Berkeley	6	23	60	22	55	33.2	2.8
Butte	7	12	16	20	35	18.0	3.6
Calaveras	36	35	22	41	24	31.6	2.9
Colusa	5	28	15	5	7	12.0	4.1
Contra Costa	29	24	30	40	38	32.2	2.9
Del Norte	52	57	61	61	52	56.6	1.5
El Dorado	10	1	10	4	4	5.8	4.7
Fresno	56	55	57	58	58	56.8	1.8
Glenn	33	25	43	37	42	36.0	2.7
Humboldt	54	53	56	56	49	53.6	1.9
Imperial	2	15	27	14	21	15.8	3.8
Inyo	31	47	41	19	54	38.4	2.5
Kern	43	30	39	50	44	41.2	2.5
Kings	43	58	50	57	59	53.4	1.9
Los Angeles	47	45	51	54	53	50.0	2.1
Lake	27	20	9	2	8	13.2	4.0
Lassen	25	31	29	24	33	28.4	3.0
Long Beach	*	60	49	48	50	51.8	1.9
Madera	41	54	53	45	48	48.2	2.2
Marin	46	38	54	34	34	41.2	2.4
Mariposa	14	3	2	32	2	10.6	4.6
Mendocino	23	8	6	8	9	10.8	4.2
Merced	58	59	58	60	60	59.0	1.5
Modoc	7	7	5	11	1	6.2	4.7
Mono	24	44	21	1	31	24.2	4.0
Monterey	35	32	36	31	36	34.0	2.7
Napa	4	4	12	13	17	10.0	4.2

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
Nevada	3	6	8	3	6	5.2	4.8
Orange	41	41	48	47	46	44.6	2.4
Pasadena	*	61	28	27	29	36.3	2.3
Placer	18	14	17	26	25	20.0	3.5
Plumas	11	2	4	9	32	11.6	4.3
Riverside	49	49	52	55	51	51.2	2.1
Sacramento	12	17	31	21	20	20.2	3.3
San Benito	22	52	33	52	61	44.0	2.4
San Bernardino	47	39	44	41	45	43.2	2.4
San Diego	21	18	26	28	28	24.2	3.2
San Francisco	45	50	47	48	43	46.6	2.3
San Joaquin	39	34	41	39	26	35.8	2.7
San Luis Obispo	20	22	11	9	12	14.8	3.7
San Mateo	17	21	25	37	16	23.2	3.3
Santa Barbara	34	40	45	41	38	39.6	2.5
Santa Clara	15	19	33	36	30	26.6	3.1
Santa Cruz	32	36	55	51	57	46.2	2.3
Shasta	36	42	38	29	41	37.2	2.6
Sierra	55	42	1	6	3	21.4	4.4
Siskiyou	51	36	24	12	21	28.8	3.0
Solano	26	27	35	18	27	26.6	3.1
Sonoma	9	13	23	16	15	15.2	3.7
Stanislaus	16	16	14	14	11	14.2	3.7
Sutter	19	10	6	29	10	14.8	3.8
Tehama	53	33	18	23	23	30.0	3.0
Trinity	40	11	3	17	5	15.2	4.1
Tulare	57	56	59	59	56	57.4	1.8
Tuolumne	38	46	45	32	38	39.8	2.5
Ventura	49	51	40	53	47	48.0	2.2
Yolo	13	9	19	7	19	13.4	3.8
Yuba	1	5	13	45	17	16.2	4.1

Table 9.4. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Low Birth Weight* (in Alphabetical Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	6.9
Alameda	13	14	17	13	4	12.2	8.0
Alpine	59	19	60	56	52	49.2	4.5
Amador	5	5	40	19	38	21.4	8.0
Berkeley	23	13	10	4	39	17.8	7.8
Butte	30	35	15	15	44	27.8	6.9
Calaveras	49	20	41	41	58	41.8	5.9
Colusa	56	60	58	58	59	58.2	4.4
Contra Costa	22	30	28	14	16	22.0	7.3
Del Norte	45	33	52	42	48	44.0	5.9
El Dorado	47	41	11	21	32	30.4	6.8
Fresno	21	21	25	16	18	20.2	7.4
Glenn	37	61	53	55	60	53.2	4.8
Humboldt	44	43	49	46	54	47.2	5.7
Imperial	34	40	44	51	53	44.4	5.9
Inyo	35	21	19	59	2	27.2	7.4
Kern	17	26	27	18	15	20.6	7.4
Kings	29	25	37	38	22	30.2	6.8
Los Angeles	26	34	33	32	35	32.0	6.7
Lake	46	38	12	29	5	26.0	7.1
Lassen	9	8	6	11	9	8.6	8.7
Long Beach	*	24	21	16	23	21.0	7.3
Madera	3	4	2	36	33	15.6	9.3
Marin	28	15	8	23	3	15.4	7.7
Mariposa	2	1	9	10	42	12.8	10.3
Mendocino	31	53	35	54	45	43.6	5.9
Merced	38	37	38	30	27	34.0	6.5
Modoc	58	56	47	60	29	50.0	4.9
Mono	1	2	5	1	14	4.6	12.1
Monterey	53	48	54	45	49	49.8	5.4
Napa	24	42	59	61	50	47.2	5.4

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
Nevada	39	55	57	57	26	46.8	5.5
Orange	52	50	43	47	43	47.0	5.7
Pasadena	*	59	33	6	12	27.5	7.0
Placer	36	18	4	48	55	32.2	6.8
Plumas	11	11	16	25	18	16.2	7.7
Riverside	4	9	31	24	24	18.4	8.3
Sacramento	10	7	14	7	8	9.2	8.5
San Benito	8	16	1	27	6	11.6	9.8
San Bernardino	19	23	18	20	21	20.2	7.4
San Diego	20	31	36	31	36	30.8	6.8
San Francisco	16	10	3	3	9	8.2	8.6
San Joaquin	12	17	13	8	7	11.4	8.0
San Luis Obispo	33	44	45	33	28	36.6	6.3
San Mateo	41	32	24	27	25	29.8	6.8
Santa Barbara	43	49	46	44	30	42.4	6.0
Santa Clara	27	6	26	34	31	24.8	7.3
Santa Cruz	55	44	51	52	56	51.6	5.2
Shasta	50	57	56	49	50	52.4	5.3
Sierra	57	3	7	5	61	26.6	7.1
Siskiyou	39	27	19	21	40	29.2	6.8
Solano	15	12	23	9	13	14.4	7.8
Sonoma	54	47	39	39	57	47.2	5.5
Stanislaus	25	29	22	40	20	27.2	7.0
Sutter	18	36	50	43	37	36.8	6.4
Tehama	42	54	55	50	47	49.6	5.5
Trinity	7	51	61	2	1	24.4	7.7
Tulare	14	28	30	37	41	30.0	6.8
Tuolumne	6	52	42	12	17	25.8	7.5
Ventura	48	46	48	53	46	48.2	5.6
Yolo	32	39	28	26	34	31.8	6.7
Yuba	51	58	32	35	11	37.4	6.3

Table 9.5. Ranking of Local Health Departments on Percent of Health Assessments Exceeding National Standards for *Anemia* (in Alphabetical Order)

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
California Average	--	--	--	--	--	--	14.8
Alameda	3	2	1	11	16	6.6	21.2
Alpine	48	48	15	40	53	40.8	12.4
Amador	30	27	29	49	48	36.6	13.7
Berkeley	12	12	10	17	2	10.6	20.1
Butte	11	13	35	33	40	26.4	15.8
Calaveras	31	32	42	35	25	33.0	14.0
Colusa	1	1	7	10	21	8.0	21.0
Contra Costa	6	8	24	13	12	12.6	18.7
Del Norte	49	11	27	6	3	19.2	17.9
El Dorado	53	55	50	47	54	51.8	10.0
Fresno	37	36	43	43	43	40.4	12.9
Glenn	10	7	9	5	26	11.4	19.6
Humboldt	39	33	34	19	13	27.6	14.9
Imperial	56	54	58	56	57	56.2	8.6
Inyo	55	57	56	38	28	46.8	10.7
Kern	38	44	52	51	50	47.0	11.6
Kings	7	6	3	2	4	4.4	22.5
Los Angeles	23	34	38	34	38	33.4	14.1
Lake	45	53	44	50	47	47.8	11.2
Lassen	59	60	61	61	58	59.8	5.2
Long Beach	*	9	23	29	19	20.0	16.7
Madera	19	28	11	12	31	20.2	16.5
Marin	47	47	55	59	52	52.0	9.9
Mariposa	57	59	54	54	44	53.6	8.9
Mendocino	34	41	30	24	14	28.6	14.9
Merced	13	24	24	27	22	22.0	16.1
Modoc	54	58	60	60	61	58.6	6.4
Mono	35	26	4	1	1	13.4	23.8
Monterey	16	23	32	31	36	27.6	15.1
Napa	14	10	18	7	18	13.4	18.2

	Ranks					Average Rank	Overall Percent
	1994	1995	1996	1997	1998		
Nevada	51	43	33	44	35	41.2	12.5
Orange	27	29	17	23	10	21.2	16.1
Pasadena	*	61	59	57	56	58.3	6.2
Placer	31	35	31	46	32	35.0	13.7
Plumas	50	50	46	53	41	48.0	11.1
Riverside	20	25	26	26	24	24.2	15.6
Sacramento	9	14	12	15	5	11.0	18.6
San Benito	52	51	57	55	59	54.8	9.1
San Bernardino	18	16	21	22	20	19.4	16.5
San Diego	40	40	39	42	46	41.4	12.8
San Francisco	36	42	37	30	39	36.8	13.4
San Joaquin	43	49	53	48	42	47.0	11.4
San Luis Obispo	29	19	20	20	17	21.0	16.1
San Mateo	41	39	36	32	45	38.6	13.2
Santa Barbara	42	46	47	52	34	44.2	11.9
Santa Clara	17	18	16	21	9	16.2	17.1
Santa Cruz	31	38	41	14	33	31.4	14.3
Shasta	24	45	49	41	37	39.2	12.9
Sierra	46	37	45	58	60	49.2	10.2
Siskiyou	44	52	51	45	49	48.2	11.1
Solano	15	15	8	8	6	10.4	18.9
Sonoma	20	22	19	25	15	20.2	16.0
Stanislaus	22	21	22	18	8	18.2	16.7
Sutter	4	5	2	4	7	4.4	22.0
Tehama	26	31	6	16	27	21.2	16.5
Trinity	58	56	48	37	55	50.8	9.6
Tulare	25	30	40	39	30	32.8	14.2
Tuolumne	5	17	5	36	51	22.8	17.3
Ventura	28	20	28	28	29	26.6	15.3
Yolo	2	4	13	9	23	10.2	20.0
Yuba	7	3	14	3	11	7.6	20.6

**Table 10. Overall Percent of Health Assessments Exceeding
National Standards Across Five Years and Five Nutritional Indicators,
1994 – 1998 (in Rank Order by Local Health Department)**

	Overall Percent	Rank for Overall Percent		Overall Percent	Rank for Overall Percent
Mono	11.2	1	San Luis Obispo	8.3	32
Alameda	10.5	2	Napa	8.3	33
Kings	10.2	3	Monterey	8.3	34
Berkeley	10.2	4	Calaveras	8.3	35
Yuba	10.0	5	San Mateo	8.2	36
Contra Costa	9.8	6	Santa Cruz	8.2	37
Madera	9.7	7	Kern	8.2	38
Sacramento	9.5	8	San Diego	8.2	39
Sutter	9.5	9	Tehama	8.1	40
Solano	9.4	10	Humboldt	7.9	41
Riverside	9.3	11	Sonoma	7.9	42
Merced	9.3	12	Mendocino	7.9	43
San Bernardino	9.2	13	Plumas	7.7	44
Colusa	9.2	14	Inyo	7.7	45
Long Beach	9.2	15	Placer	7.7	46
Yolo	9.2	16	Santa Barbara	7.7	47
San Francisco	9.1	17	Sierra	7.6	48
Santa Clara	9.0	18	Lake	7.6	49
Tulare	9.0	19	Mariposa	7.5	50
Amador	8.9	20	Alpine	7.4	51
Glenn	8.9	21	Marin	7.4	52
Orange	8.8	22	Siskiyou	7.3	53
Los Angeles	8.8	23	Shasta	7.2	54
Stanislaus	8.8	24	Trinity	7.2	55
Fresno	8.7	25	Imperial	7.1	56
San Benito	8.7	26	El Dorado	6.8	57
Del Norte	8.6	27	Nevada	6.7	58
San Joaquin	8.5	28	Lassen	6.3	59
Ventura	8.4	29	Pasadena	6.3	60
Butte	8.4	30	Modoc	5.7	61
Tuolumne	8.3	31			

**Table 11. Overall Percent of Health Assessments Exceeding
National Standards Across Five Years and Five Nutritional Indicators,
1994 – 1998 (in Alphabetical Order by Local Health Department)**

	Overall Percent	Rank for Overall Percent		Overall Percent	Rank for Overall Percent
Alameda	10.5	2	Plumas	7.7	44
Alpine	7.4	51	Riverside	9.3	11
Amador	8.9	20	Sacramento	9.5	8
Butte	8.4	30	San Benito	8.7	26
Calaveras	8.3	35	San Bernardino	9.2	13
Colusa	9.2	14	San Diego	8.2	39
Contra Costa	9.8	6	San Francisco	9.1	17
Del Norte	8.6	27	San Joaquin	8.5	28
El Dorado	6.8	57	San Luis Obispo	8.3	32
Fresno	8.7	25	San Mateo	8.2	36
Glenn	8.9	21	Santa Barbara	7.7	47
Humboldt	7.9	41	Santa Clara	9.0	18
Imperial	7.1	56	Santa Cruz	8.2	37
Inyo	7.7	45	Shasta	7.2	54
Kern	8.2	38	Sierra	7.6	48
Kings	10.2	3	Siskiyou	7.3	53
Lake	7.6	49	Solano	9.4	10
Lassen	6.3	59	Sonoma	7.9	42
Los Angeles	8.8	23	Stanislaus	8.8	24
Madera	9.7	7	Sutter	9.5	9
Marin	7.4	52	Tehama	8.1	40
Mariposa	7.5	50	Trinity	7.2	55
Mendocino	7.9	43	Tulare	9.0	19
Merced	9.3	12	Tuolumne	8.3	31
Modoc	5.7	61	Ventura	8.4	29
Mono	11.2	1	Yolo	9.2	16
Monterey	8.3	34	Yuba	10.0	5
Napa	8.3	33	Berkeley	10.2	4
Nevada	6.7	58	Long Beach	9.2	15
Orange	8.8	22	Pasadena	6.3	60
Placer	7.7	46			

Table 12. Number of Assessments by Gender, Race and Age, 1998

			White	Black	Hispanic	Native American	Asian	Other
Female	0-2 months	Stature	17,716	9,372	102,164	397	6,158	8,260
		Birth weight	12,776	6,526	72,697	269	3,679	4,089
		Anemia	0	0	0	0	0	0
	3-5 months	Stature	10,150	5,349	58,650	234	3,635	4,437
		Birth weight	6,220	3,196	36,007	132	1,780	1,749
		Anemia	0	0	0	0	0	0
	6-11 months	Stature	14,482	7,706	87,305	334	5,564	6,216
		Birth weight	8,335	4,253	50,821	158	2,496	2,331
		Anemia	6,551	3,342	46,463	180	2,212	2,531
	12-23 months	Stature	17,003	9,728	111,337	443	7,624	7,412
		Birth weight	8,130	4,511	58,576	168	2,887	2,541
		Anemia	8,434	5,114	71,636	310	3,107	3,443
	24-35 months	Stature	7,610	5,053	51,465	243	3,130	3,116
		Birth weight	2,746	1,915	23,235	64	909	813
		Anemia	5,641	3,604	47,838	210	2,279	2,253
	36-59 months	Stature	15,461	10,927	103,885	482	7,413	5,718
		Birth weight	4,276	3,143	38,206	98	1,795	1,227
		Anemia	11,977	8,249	99,558	449	5,372	4,505
	5-9 years	Stature	16,642	13,213	106,365	468	8,438	6,296
		Birth weight	4,040	3,596	36,056	86	1,414	1,123
		Anemia	11,568	8,815	95,669	375	5,140	4,475
	10-12 years	Stature	6,474	5,143	36,267	202	4,495	2,401
		Birth weight	1,355	1,229	10,947	32	520	385
		Anemia	4,537	3,739	34,047	175	2,747	1,854
	13-17 years	Stature	8,017	5,325	42,624	236	6,586	2,885
		Birth weight	1,205	1,067	10,583	26	551	333
		Anemia	6,660	4,471	42,518	221	4,372	2,433
Male	0-2 months	Stature	18,214	9,852	103,966	428	6,446	8,588
		Birth weight	13,130	6,803	74,328	304	3,853	4,158
		Anemia	0	0	0	0	0	0
	3-5 months	Stature	10,536	5,606	60,509	280	3,992	4,665
		Birth weight	6,536	3,269	36,708	150	1,921	1,858
		Anemia	0	0	0	0	0	0
	6-11 months	Stature	14,900	7,740	89,672	389	6,082	6,511
		Birth weight	8,449	4,184	51,631	200	2,720	2,454
		Anemia	6,684	3,392	47,975	201	2,455	2,587
	12-23 months	Stature	18,189	10,213	115,919	479	8,327	7,744
		Birth weight	8,536	4,696	59,890	202	3,212	2,634
		Anemia	8,932	5,246	74,035	322	3,347	3,506
	24-35 months	Stature	7,972	5,131	53,588	234	3,230	3,103
		Birth weight	2,857	1,896	24,086	66	990	818
		Anemia	5,944	3,753	49,338	198	2,289	2,207
	36-59 months	Stature	16,432	11,188	107,520	551	7,865	6,175
		Birth weight	4,578	3,191	39,173	124	1,869	1,269
		Anemia	12,815	8,344	103,040	495	5,776	4,810
	5-9 years	Stature	17,845	13,963	107,875	538	8,862	6,440
		Birth weight	4,260	3,561	37,241	92	1,484	1,098
		Anemia	12,386	9,231	98,847	432	5,569	4,632
	10-12 years	Stature	6,800	5,413	35,040	184	4,673	2,529
		Birth weight	1,387	1,228	10,737	19	565	321
		Anemia	4,774	3,904	33,943	160	2,941	1,889
	13-17 years	Stature	9,121	6,260	41,502	240	6,513	3,221
		Birth weight	1,112	992	10,062	32	556	301
		Anemia	7,804	5,504	42,559	214	4,468	2,785

Table 13. Number of Assessments by Local Health Department and Year, 1994 – 1998

		1994	1995	1996	1997	1998
Alameda	Stature	59,488	60,098	54,981	57,444	54,555
	Overweight	54,197	54,019	48,264	48,769	45,778
	Underweight	54,197	54,019	48,264	48,769	45,778
	Birth weight	28,148	26,260	26,354	23,983	22,968
	Anemia	26,538	28,211	27,230	24,854	22,481
Alpine	Stature	181	162	192	309	352
	Overweight	165	143	166	227	268
	Underweight	165	143	166	227	268
	Birth weight	98	77	126	126	149
	Anemia	124	119	130	149	212
Amador	Stature	934	1,002	1,077	1,143	1,591
	Overweight	829	883	947	982	1,361
	Underweight	829	883	947	982	1,361
	Birth weight	532	501	419	402	517
	Anemia	695	717	607	858	1,105
Butte	Stature	9,877	10,377	11,192	11,612	14,197
	Overweight	9,219	9,657	10,287	10,453	12,379
	Underweight	9,219	9,657	10,287	10,453	12,379
	Birth weight	4,257	3,928	6,012	6,220	6,392
	Anemia	6,127	6,237	7,112	7,118	9,077
Calaveras	Stature	1,147	1,383	2,182	2,319	1,486
	Overweight	1,013	1,222	1,960	1,992	1,206
	Underweight	1,013	1,222	1,960	1,992	1,206
	Birth weight	1,023	861	1,422	1,110	669
	Anemia	1,024	964	1,329	1,211	724
Colusa	Stature	1,996	2,150	2,518	2,482	2,412
	Overweight	1,873	1,970	2,237	2,193	2,104
	Underweight	1,873	1,970	2,237	2,193	2,104
	Birth weight	1,349	1,639	1,905	1,342	1,059
	Anemia	1,276	1,537	1,893	1,497	1,530
Contra Costa	Stature	22,723	23,832	25,131	25,183	21,859
	Overweight	20,526	21,365	22,188	22,325	18,833
	Underweight	20,526	21,365	22,188	22,325	18,833
	Birth weight	8,281	9,482	8,435	8,516	6,694
	Anemia	11,166	11,482	10,973	10,344	9,414
Del Norte	Stature	1,329	1,812	1,695	1,638	1,565
	Overweight	1,239	1,656	1,549	1,462	1,408
	Underweight	1,239	1,656	1,549	1,462	1,408
	Birth weight	760	1,272	1,228	1,267	1,101
	Anemia	854	1,452	1,310	1,180	1,143

		1994	1995	1996	1997	1998
El Dorado	Stature	3,689	3,956	4,889	4,492	4,455
	Overweight	3,259	3,533	4,338	3,979	3,885
	Underweight	3,259	3,533	4,338	3,979	3,885
	Birth weight	2,547	2,110	2,605	1,819	1,849
	Anemia	2,748	2,878	2,768	2,445	2,777
Fresno	Stature	82,319	82,435	87,162	92,788	95,955
	Overweight	75,332	75,606	79,354	81,539	81,397
	Underweight	75,332	75,606	79,354	81,539	81,397
	Birth weight	37,810	36,403	39,069	36,632	37,731
	Anemia	48,361	48,202	52,995	57,154	58,338
Glenn	Stature	1,830	1,917	2,269	2,433	2,707
	Overweight	1,555	1,696	2,043	2,111	2,337
	Underweight	1,555	1,696	2,043	2,111	2,337
	Birth weight	810	1,097	1,386	1,310	1,389
	Anemia	1,668	1,540	1,678	1,588	1,860
Humboldt	Stature	8,120	6,718	5,860	7,206	6,896
	Overweight	7,534	6,185	5,281	6,266	6,016
	Underweight	7,534	6,185	5,281	6,266	6,016
	Birth weight	4,485	3,634	2,806	2,981	2,961
	Anemia	3,878	3,208	2,733	3,195	3,210
Imperial	Stature	10,555	11,895	11,534	11,356	11,333
	Overweight	9,836	10,890	10,617	10,401	10,152
	Underweight	9,836	10,890	10,617	10,401	10,152
	Birth weight	6,744	8,113	7,388	5,973	5,696
	Anemia	6,792	7,985	7,020	6,682	6,525
Inyo	Stature	1,339	1,288	1,299	1,281	1,197
	Overweight	1,219	1,172	1,178	1,146	1,045
	Underweight	1,219	1,172	1,178	1,146	1,045
	Birth weight	479	368	257	345	440
	Anemia	692	650	620	553	605
Kern	Stature	56,260	52,080	53,524	56,953	54,898
	Overweight	51,334	47,831	48,739	51,301	48,015
	Underweight	51,334	47,831	48,739	51,301	48,015
	Birth weight	28,242	26,528	28,051	30,523	29,237
	Anemia	34,242	32,926	32,011	31,456	30,811
Kings	Stature	7,875	7,348	6,313	7,036	6,516
	Overweight	7,386	6,957	5,877	6,320	5,678
	Underweight	7,386	6,957	5,877	6,320	5,678
	Birth weight	3,166	4,073	3,306	3,037	2,579
	Anemia	4,696	4,844	4,097	4,314	4,164

Table 13. (Continued) Number of Assessments by Local Health Department and Year, 1994 – 1998

		1994	1995	1996	1997	1998			1994	1995	1996	1997	1998
Lake	Stature	3,472	3,056	2,543	2,236	2,482	Modoc	Stature	557	463	546	512	500
	Overweight	3,265	2,872	2,391	2,036	2,222		Overweight	479	421	418	404	412
	Underweight	3,265	2,872	2,391	2,036	2,222		Underweight	479	421	418	404	412
	Birth weight	2,642	2,152	1,664	1,325	1,594		Birth weight	394	363	388	335	354
	Anemia	2,108	1,745	1,352	1,192	1,319		Anemia	409	304	372	370	337
Lassen	Stature	1,101	1,090	1,136	1,189	1,170	Mono	Stature	390	386	404	434	522
	Overweight	958	941	932	976	956		Overweight	365	359	368	377	474
	Underweight	958	941	932	976	956		Underweight	365	359	368	377	474
	Birth weight	542	534	564	634	648		Birth weight	135	107	181	335	416
	Anemia	679	603	692	697	635		Anemia	193	186	192	188	208
Los Angeles	Stature	789,337	830,289	802,955	803,699	742,673	Monterey	Stature	21,775	20,588	26,379	31,214	30,442
	Overweight	719,266	745,485	713,109	669,641	592,021		Overweight	20,028	18,830	23,905	27,670	26,820
	Underweight	719,266	745,485	713,109	669,641	592,021		Underweight	20,028	18,830	23,905	27,670	26,820
	Birth weight	464,307	487,263	482,305	431,858	379,357		Birth weight	9,050	9,486	10,606	10,629	9,347
	Anemia	426,591	464,205	483,180	464,398	439,031		Anemia	19,530	19,394	21,368	21,591	21,417
Madera	Stature	3,711	3,282	6,116	10,687	12,302	Napa	Stature	4,429	4,655	4,329	3,804	4,385
	Overweight	3,105	2,827	4,595	8,162	9,962		Overweight	4,170	4,345	3,953	3,415	3,769
	Underweight	3,105	2,827	4,595	8,162	9,962		Underweight	4,170	4,345	3,953	3,415	3,769
	Birth weight	2,017	1,830	2,308	3,542	5,042		Birth weight	536	630	542	400	389
	Anemia	6,363	5,773	5,865	7,476	7,968		Anemia	1,760	1,781	1,541	1,226	1,536
Marin	Stature	5,835	5,407	4,765	5,384	5,462	Nevada	Stature	2,449	3,085	3,041	2,820	2,334
	Overweight	5,336	4,940	4,337	4,911	4,918		Overweight	2,268	2,852	2,746	2,467	2,018
	Underweight	5,336	4,940	4,337	4,911	4,918		Underweight	2,268	2,852	2,746	2,467	2,018
	Birth weight	1,605	888	790	715	684		Birth weight	1,149	1,168	1,235	1,335	1,057
	Anemia	1,430	1,273	1,807	1,952	2,459		Anemia	1,181	1,437	1,185	1,039	1,260
Mariposa	Stature	516	495	326	435	443	Orange	Stature	135,972	154,651	172,982	189,285	203,464
	Overweight	459	419	277	355	358		Overweight	126,488	141,562	156,540	166,647	174,476
	Underweight	459	419	277	355	358		Underweight	126,488	141,562	156,540	166,647	174,476
	Birth weight	173	182	146	149	137		Birth weight	67,130	73,343	83,622	80,263	75,275
	Anemia	355	331	292	345	349		Anemia	71,589	90,632	111,333	118,871	126,139
Mendocino	Stature	5,069	4,618	5,021	4,981	4,724	Placer	Stature	5,894	5,165	5,276	5,489	5,000
	Overweight	4,518	4,131	4,430	4,263	4,041		Overweight	5,368	4,687	4,665	4,884	4,340
	Underweight	4,518	4,131	4,430	4,263	4,041		Underweight	5,368	4,687	4,665	4,884	4,340
	Birth weight	2,762	2,730	2,650	2,356	2,126		Birth weight	1,565	1,642	1,756	1,724	1,475
	Anemia	1,815	1,691	1,800	1,784	1,820		Anemia	2,738	2,544	2,420	1,655	1,579
Merced	Stature	22,340	21,820	22,830	26,010	23,718	Plumas	Stature	948	998	876	915	829
	Overweight	20,591	19,815	20,507	22,946	20,502		Overweight	850	870	765	753	660
	Underweight	20,591	19,815	20,507	22,946	20,502		Underweight	850	870	765	753	660
	Birth weight	14,857	15,058	15,510	15,564	12,983		Birth weight	576	517	516	413	419
	Anemia	16,071	15,908	17,484	17,251	16,551		Anemia	492	613	509	494	450

Table 13. (Continued) Number of Assessments by Local Health Department and Year, 1994 – 1998

		1994	1995	1996	1997	1998
Riverside	Stature	76,347	72,746	76,351	78,843	86,109
	Overweight	70,604	67,671	69,644	70,029	75,723
	Underweight	70,604	67,671	69,644	70,029	75,723
	Birth weight	36,562	34,908	41,502	39,633	45,231
	Anemia	48,728	45,091	48,202	49,381	54,074
Sacramento	Stature	57,656	54,639	59,152	64,591	69,002
	Overweight	51,841	48,644	51,561	55,389	56,891
	Underweight	51,841	48,644	51,561	55,389	56,891
	Birth weight	21,133	18,617	19,685	18,054	14,789
	Anemia	31,820	30,145	32,255	32,873	36,586
San Benito	Stature	858	1,005	1,678	3,328	3,038
	Overweight	672	868	1,388	2,695	2,364
	Underweight	672	868	1,388	2,695	2,364
	Birth weight	283	216	623	911	440
	Anemia	1,520	1,561	1,749	2,536	2,361
San Bernardino	Stature	111,128	111,886	120,454	128,078	126,071
	Overweight	102,096	102,255	108,087	114,190	109,828
	Underweight	102,096	102,255	108,087	114,190	109,828
	Birth weight	46,730	51,138	58,001	62,919	59,664
	Anemia	51,873	56,274	67,431	65,298	68,044
San Diego	Stature	142,685	140,946	139,113	145,636	135,905
	Overweight	131,938	130,815	127,399	130,332	118,969
	Underweight	131,938	130,815	127,399	130,332	118,969
	Birth weight	73,940	68,499	62,595	57,831	48,752
	Anemia	90,475	88,907	83,749	85,720	82,914
San Francisco	Stature	20,374	19,860	18,596	20,282	21,604
	Overweight	17,676	17,239	15,624	16,524	17,645
	Underweight	17,676	17,239	15,624	16,524	17,645
	Birth weight	9,388	8,593	8,583	7,281	5,208
	Anemia	8,262	8,203	7,312	6,285	6,426
San Joaquin	Stature	39,336	40,141	39,142	44,260	41,027
	Overweight	36,089	36,432	35,190	38,868	34,943
	Underweight	36,089	36,432	35,190	38,868	34,943
	Birth weight	22,058	23,137	22,719	23,894	21,417
	Anemia	22,426	23,181	20,603	19,684	19,671
San Luis Obispo	Stature	9,118	9,088	9,498	9,442	9,602
	Overweight	8,507	8,547	8,795	8,550	8,501
	Underweight	8,507	8,547	8,795	8,550	8,501
	Birth weight	4,492	4,758	4,362	3,363	2,743
	Anemia	3,614	3,987	4,113	3,815	3,449

		1994	1995	1996	1997	1998
San Mateo	Stature	21,485	21,683	21,252	21,350	20,475
	Overweight	19,315	19,144	18,730	18,512	17,419
	Underweight	19,315	19,144	18,730	18,512	17,419
	Birth weight	7,776	7,469	6,867	5,420	4,396
	Anemia	9,494	8,925	8,562	7,797	7,768
Santa Barbara	Stature	27,345	25,812	27,390	28,221	27,001
	Overweight	24,847	23,459	25,385	26,223	24,740
	Underweight	24,847	23,459	25,385	26,223	24,740
	Birth weight	9,717	11,494	13,652	11,098	11,034
	Anemia	16,046	16,397	15,746	15,032	14,979
Santa Clara	Stature	65,321	63,698	61,632	58,887	48,274
	Overweight	59,556	58,000	56,011	52,767	42,456
	Underweight	59,556	58,000	56,011	52,767	42,456
	Birth weight	22,606	19,570	20,925	15,433	11,524
	Anemia	28,542	28,909	27,805	24,123	21,376
Santa Cruz	Stature	11,579	12,107	13,300	13,978	15,042
	Overweight	10,434	10,985	11,931	12,553	13,416
	Underweight	10,434	10,985	11,931	12,553	13,416
	Birth weight	3,795	4,452	4,271	3,655	3,454
	Anemia	6,077	6,285	6,498	6,497	7,137
Shasta	Stature	10,006	10,076	8,948	9,894	10,098
	Overweight	9,260	9,272	8,152	8,829	8,811
	Underweight	9,260	9,272	8,152	8,829	8,811
	Birth weight	3,486	3,877	4,126	4,940	5,114
	Anemia	5,581	4,765	4,449	4,821	5,368
Sierra	Stature	114	106	122	159	100
	Overweight	106	89	105	131	85
	Underweight	106	89	105	131	85
	Birth weight	46	50	48	45	25
	Anemia	56	64	73	95	63
Siskiyou	Stature	3,355	2,937	3,165	3,198	2,869
	Overweight	2,917	2,536	2,693	2,616	2,358
	Underweight	2,917	2,536	2,693	2,616	2,358
	Birth weight	2,088	1,478	1,339	1,678	1,623
	Anemia	1,978	1,813	1,829	1,777	1,513
Solano	Stature	13,132	14,222	14,949	15,705	15,458
	Overweight	12,221	13,153	13,589	14,029	13,475
	Underweight	12,221	13,153	13,589	14,029	13,475
	Birth weight	6,377	8,105	7,814	7,162	6,658
	Anemia	6,744	6,736	7,789	7,968	7,950

Table 13. (Continued) Number of Assessments by Local Health Department and Year, 1994 – 1998

		1994	1995	1996	1997	1998			1994	1995	1996	1997	1998
Sonoma	Stature	16,049	14,888	13,936	15,449	13,982	Ventura	Stature	20,950	24,802	29,859	34,990	34,482
	Overweight	14,714	13,540	12,286	13,481	12,123		Overweight	18,748	22,637	27,153	31,289	30,633
	Underweight	14,714	13,540	12,286	13,481	12,123		Underweight	18,748	22,637	27,153	31,289	30,633
	Birth weight	6,619	5,390	4,130	3,470	2,752		Birth weight	11,097	14,146	17,505	17,606	19,211
	Anemia	6,860	5,957	5,997	5,729	5,152		Anemia	19,258	20,414	21,093	21,447	21,538
Stanislaus	Stature	20,139	20,862	24,331	29,919	29,991	Yolo	Stature	9,514	9,026	8,352	8,493	8,437
	Overweight	17,930	19,003	22,140	26,867	26,157		Overweight	8,459	8,161	7,490	7,536	7,117
	Underweight	17,930	19,003	22,140	26,867	26,157		Underweight	8,459	8,161	7,490	7,536	7,117
	Birth weight	11,496	12,038	12,408	13,307	12,855		Birth weight	4,665	3,264	2,890	2,674	1,891
	Anemia	19,687	20,291	20,327	20,663	21,512		Anemia	5,209	4,551	3,828	3,687	4,069
Sutter	Stature	3,985	3,526	3,872	4,410	4,684	Yuba	Stature	4,421	4,136	3,676	3,080	3,501
	Overweight	3,803	3,336	3,632	4,172	4,277		Overweight	4,040	3,715	3,237	2,779	3,080
	Underweight	3,803	3,336	3,632	4,172	4,277		Underweight	4,040	3,715	3,237	2,779	3,080
	Birth weight	3,089	3,029	2,906	2,898	2,854		Birth weight	2,280	2,552	2,115	1,429	1,683
	Anemia	2,502	2,711	2,494	2,505	2,722		Anemia	3,451	3,454	3,058	1,940	1,798
Tehama	Stature	3,624	3,394	4,501	3,743	3,504	City of Berkeley	Stature	1,117	1,030	699	836	898
	Overweight	3,357	3,172	4,120	3,313	3,005		Overweight	1,012	869	572	681	736
	Underweight	3,357	3,172	4,120	3,313	3,005		Underweight	1,012	869	572	681	736
	Birth weight	1,918	1,575	2,417	2,308	2,013		Birth weight	217	299	195	216	332
	Anemia	1,904	1,868	2,639	2,239	2,260		Anemia	574	538	417	459	415
Trinity	Stature	734	659	719	788	731	Long Beach	Stature	*	168	15,903	40,985	35,417
	Overweight	646	561	638	662	600		Overweight	*	141	14,177	36,436	30,653
	Underweight	646	561	638	662	600		Underweight	*	141	14,177	36,436	30,653
	Birth weight	108	108	138	115	109		Birth weight	*	107	8,605	19,803	17,597
	Anemia	430	339	230	293	314		Anemia	*	129	9,322	22,010	18,416
Tulare	Stature	34,059	32,716	34,116	40,987	40,406	Pasadena	Stature	*	28	3,149	7,934	6,679
	Overweight	31,652	30,400	31,280	37,283	35,867		Overweight	*	24	2,888	7,136	5,991
	Underweight	31,652	30,400	31,280	37,283	35,867		Underweight	*	24	2,888	7,136	5,991
	Birth weight	15,749	14,374	13,615	13,327	12,172		Birth weight	*	20	2,176	5,218	4,052
	Anemia	21,320	20,221	22,071	23,043	23,438		Anemia	*	18	1,946	4,696	3,781
Tuolumne	Stature	1,375	1,195	1,291	1,589	1,252	California Total	Stature	1,999,263	2,045,883	2,090,489	2,213,824	2,138,063
	Overweight	1,255	1,068	1,139	1,385	1,094		Overweight	1,827,725	1,855,877	1,873,999	1,916,630	1,798,768
	Underweight	1,255	1,068	1,139	1,385	1,094		Underweight	1,827,725	1,855,877	1,873,999	1,916,630	1,798,768
	Birth weight	200	290	313	500	167		Birth weight	1,026,086	1,047,792	1,082,077	1,023,351	932,494
	Anemia	971	837	723	738	685		Anemia	1,119,587	1,173,943	1,238,208	1,238,278	1,222,813

In 1995, the cities of Long Beach and Pasadena in Los Angeles County joined the City of Berkeley in Alameda County in having their health assessment data reported separately by the state. The two city health departments were included in the Los Angeles County figures for 1994 and therefore represented by asterisks () in the 1994 data.

Table 14. Percent of 1998 Health Assessments Completed by Each Local Health Department on Five Nutritional Indicators

	Stature %	Over- weight %	Under- weight %	Birth Weight %	Anemia %
Alameda	2.55	2.54	2.54	2.46	1.84
Alpine	.02	.01	.01	.02	.02
Amador	.07	.08	.08	.06	.09
Butte	.66	.69	.69	.69	.74
Calaveras	.07	.07	.07	.07	.06
Colusa	.11	.12	.12	.11	.13
Contra Costa	1.02	1.05	1.05	.72	.77
Del Norte	.07	.08	.08	.12	.09
El Dorado	.21	.22	.22	.20	.23
Fresno	4.49	4.53	4.53	4.05	4.77
Glenn	.13	.13	.13	.15	.15
Humboldt	.32	.33	.33	.32	.26
Imperial	.53	.56	.56	.61	.53
Inyo	.06	.06	.06	.05	.05
Kern	2.57	2.67	2.67	3.14	2.52
Kings	.30	.32	.32	.28	.34
Lake	.12	.12	.12	.17	.11
Lassen	.05	.05	.05	.07	.05
Los Angeles	34.74	32.91	32.91	40.68	35.90
Madera	.58	.55	.55	.54	.65
Marin	.26	.27	.27	.07	.20
Mariposa	.02	.02	.02	.01	.03
Mendocino	.22	.22	.22	.23	.15
Merced	1.11	1.14	1.14	1.39	1.35
Modoc	.02	.02	.02	.04	.03
Mono	.02	.03	.03	.04	.02
Monterey	1.42	1.49	1.49	1.00	1.75
Napa	.21	.21	.21	.04	.13
Nevada	.11	.11	.11	.11	.10
Orange	9.52	9.70	9.70	8.07	10.32
Placer	.23	.24	.24	.16	.13

	Stature %	Over- weight %	Under- weight %	Birth Weight %	Anemia %
Plumas	.04	.04	.04	.04	.04
Riverside	4.03	4.21	4.21	4.85	4.42
Sacramento	3.23	3.16	3.16	1.59	2.99
San Benito	.14	.13	.13	.05	.19
San Bernardino	5.90	6.11	6.11	6.40	5.56
San Diego	6.36	6.61	6.61	5.23	6.78
San Francisco	1.01	.98	.98	.56	.53
San Joaquin	1.92	1.94	1.94	2.30	1.61
San Luis Obispo	.45	.47	.47	.29	.28
San Mateo	.96	.97	.97	.47	.64
Santa Barbara	1.26	1.38	1.38	1.18	1.22
Santa Clara	2.26	2.36	2.36	1.24	1.75
Santa Cruz	.70	.75	.75	.37	.58
Shasta	.47	.49	.49	.55	.44
Sierra	.00	.00	.00	.00	.01
Siskiyou	.13	.13	.13	.17	.12
Solano	.72	.75	.75	.71	.65
Sonoma	.65	.67	.67	.30	.42
Stanislaus	1.40	1.45	1.45	1.38	1.76
Sutter	.22	.24	.24	.31	.22
Tehama	.16	.17	.17	.22	.18
Trinity	.03	.03	.03	.01	.03
Tulare	1.89	1.99	1.99	1.31	1.92
Tuolumne	.06	.06	.06	.02	.06
Ventura	1.61	1.70	1.70	2.06	1.76
Yolo	.39	.40	.40	.20	.33
Yuba	.16	.17	.17	.18	.15
Berkeley	.04	.04	.04	.04	.03
Long Beach	1.66	1.70	1.70	1.89	1.51
Pasadena	.31	.33	.33	.43	.31
Total	100.00	100.00	100.00	100.00	100.00

For additional copies of this report, please contact:

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